

FLORIDA SKIP

VOL. 31 NO. 10

THE ALL-FLORIDA AMATEUR RADIO PUBLICATION

JUNE 1988

75 CENTS

U.S. TRIATHLON SERIES PLUS

By Joycelyn Martinusek, N4ORZ

When I was asked to coordinate communications for this event, I knew it would be a challenge. Some people were "evented out" or had made plans. I kept forging ahead. Then when I couldn't get access to the EOC communications van I told my net control stations, N4KWB, AA4CH and KE4AB, we would have to run it like Field Day. KE4AB and KI4GN helped recruit from the Spanish community. N4ORN, N4QEG and N4PDM came from Ft. Lauderdale; they are in emergency service in Broward County.

When I finished the meetings and had the two repeaters on standby status for the Sunday morning event, I still felt a little apprehensive.

As summer had come early, 90° temperatures were my concern for all.

Friday evening WD4ACJ called to tell me the repeater we planned to use for medical was de-sensing and they would try to have it fixed before Sunday.

I then recruited a back-up repeater just in case.

Saturday, from out-of-the-blue, came the worst weather possible: Tornadoes, rain squalls, thunder and lightning. With the forecast for Sunday for more of the same, we had an emergency at hand.

The boat communicators, all certified divers, were the best you could ask for: N4PNS, Mario N4LJM, Tony; N4PCI, Pat and his wife; and KB4QLH, Mike; were out with the Coast Guard flotilla.

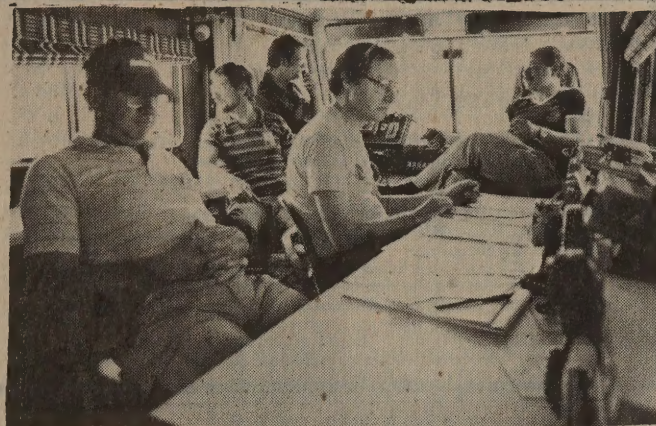
After the swim began the ice cold squalls got worse, lightning and thunder. The race director asked me to please have our boats pick up the people swimming or tell them to leave the water; they would not be disqualified.

Bullhorns calling, they kept swimming. N4LJM had one person come aboard and seeing others still swimming, jumped out of the boat and finished the swim. The scaffolding at the finish line fell and had to be put back up. Fortunately, a last-minute recruit, KA5POO, had a van with a Coast Guard sticker, which got in the park.

N4KWB set up net control on one frequency because of the intermod of downtown. Things then began to smooth out for communications.

Even though we had slick streets and bridges to cover, there were no injuries that needed medical units sent out.

This event showed a few of us in what area of emergency



They got up at 5 AM. Taking it easy after 6 plus hours of NCS duty on 3 repeaters during Dade's Walk America are L to R: Wd4LKY Charlie; WD4JKM, Bill; KA4HLO, Carl; WA2OMT, Randy and KI4T, Joel, ARPSC Event Coordinator. Three others not in photo K4CAG, WA4VEE and WB4BVO. Taken in the DADE E.O.C. Comms Van at Peacock Park, Coconut Grove. (Thanks for excellent photo by Ross Cobb KA4VBU.)

DADE'S 1988 WALK AMERICA

April 16th a Saturday at 5:00 a.m. alarm clocks all over Dade County started to ring! We know of 65 alarms went off — that of the 65 Dade County amateurs who were assigned to provide communications for the 1988 Walk America.

By 5:00 a.m. the 145.390 repeater came alive with dozens of amateurs calling for instruction on how to get to Peacock Park in Coconut Grove or to their signed in-route positions.

By 6:30 all key amateurs were with their Walk America officials. These amateurs stuck to their assigned officials like glue! Step for step they provided instant communications between worried officials before the race. "Where is so-in-so," and "have the poop-out buses arrived," and "did the water truck drop off water at check point three," some of the messages passed.

Promptly at 8:00 a.m. the University of Miami cannon was fired and some eight to nine thousand walkers started out at the "Glass House" in Peacock Park. As we stood there watching it took over 20 minutes before all the walkers, walking in eight to ten abreast to pass us! We thought the end would never come! It did.

What an effort, these kind and caring people did to provide thousands and thousands of dollars to fight birth defects for the March of Dimes people. It was a thrilling sight to behold, this very large mass of humans moving in the same direction to help fight "child defects."

All this time the Dade County Races/ARES Communications van in the park was humming with three repeaters and one simplex frequency on two meters. One repeater 146.76 (SFFMA) was used for medical emergencies, hooked up to the police dispatchers and the participating hospitals. The 145.390 (private group) supplied excellent coverage throughout the 12-mile walk route. The third repeater on 147.15 (the Inter-American RC) was used for comms between all four poop-out buses and the starting point. Each bus was traced on a special chart and the NCS knew at all times exactly where each bus was located!

This year's Event Coordinator was Joel Kandel, KI4T. He did

QSY back page top.

COMING EVENTS

National ARRL Field Day, June 25 & 26th
FLORIDA Amateur Radio week, June 19-25th
22nd Florida QSO Party, July 30 & 31st.
Jacksonville Hamfest Aug. 6 & 7th
Sarasota Hamfest, Feb. 18 & 19, 1989
MIA ORL, etc send in your hamfest dates pls.

Tks. Editor)

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DEADLINE: 8th of month in P.O. Box 501, Miami Springs, FL 33266.

(See advertising rates in Hambar Section)



Dear Andy:

Here are some photos I took on a recent trip to Tampa. I took them mainly for ARRL HQ use, but if you can use any, fine. The occasion was a state convention of the National Association of Retired Federal Employees (NARFE).

The ARRL task force on recruiting new hams from the senior citizens population picked this as a test case to exhibit ham radio. We demonstrated ham radio and showed the new ARRL videotape. Frank Ziegler, K4EUK, was in charge and recruited the other local hams for support.

I don't know how successful it was, yet, but we did take the names and addresses of several people who expressed an interest in becoming hams. Also met one ham who is a member of NARFE — John Hatcher, N4NPC, of Miami!

73,
Frank M. Butler, Jr., W4RH
ARRL S.E. Director, ARRL

Dear Mr. Wolfe:

Thank you so much for making my trip to Royal Palm Elementary so enjoyable. I sincerely appreciate you taking the time to show me your operation and allowing me to speak on the ham radio.

Thank you, once again, for a very interesting and memorable experience.

Sincerely,
Ileana Ros-Lehtinen
State Senate, 34th District

(The above letter was sent to Alan Wolfe, WB4DYU. Letter was sent in appreciation of her visit to the school and her first experience on the air at his school club station. — A.C.)

Dear Andy:

I am mystified how my NTS message declining your offer to run the Packet Column was misinterpreted. Appears I am being drafted. So be it, until a more qualified individual appears on the scene.

My only interest in packet is the NTS aspect. I think packet has both tremendous potential and tremendous problems. Hopefully my efforts during the last six months will help reduce the NTS traffic handling problems I see.

First there was the registration of NTS Packeteers in the state. Second the development of an NTS format vice all the different formats I saw in use. These variety of formats caused a great deal of problems for the PBBS SYSOP's (Packet Bulletin Board Station System Operators). Manual intervention was used to get the message relayed and manual intervention means slowing down the system and the increased possibility of human error.

Then there was the zip/phone controversy in addressing NTS traffic around the state and country. That was settled (for the time being) with a FADCA pronouncement on February 26, 1988 that zip would be used. I then began experimenting with H.F. Packet to "leap" across the state and speed things up rather than use only the VHF hopping (relaying) system in effect.

Finally, the institution of the FPN (Florida Packeteers Net) on LSB 3978 Saturday mornings at 9:00 a.m. after the AIN session on 3940.

I have also been talking to some 27 people involved in packet around the country with interesting information still coming in.

In any event here is something about NTS formatting for packet (in three parts, one part a month) that might help.

Al Vesce, K4CY
13020 Montour Street
Brooksville, FL 34613 4892
(904) 596-7794

Dear Andy:

Just a few groups to bring you and your readers up to date on NTS Packet happenings. During the fall of 1987, K4ZK (ARRL STM South Florida) and KB9LT (ARRL STM North Florida) tried to start a list of NTS operators with packet equipment. Unfortunately, K4ZK's equipment was hit by lightning and KB9LT was hit with personal problems.

I volunteered to commence with this registration and started off with eight names. The list grew slowly, then began to snowball. We now have 52 on the list and it continues to grow. These 52 operators ensure NTS delivery by packet to over 120 cities, towns and hamlets in Florida from Jacksonville to Miami and the Tampa, Sarasota, Venice and Naples areas.

SILENT KEYS

We are deeply sorry to report the passing of the following amateurs. If you hear of any in your area, kindly advise Skip.

K4IXH	Stanley L. Pierce	Waldo, FL
W4MKC	Earl Quay	Cape Coral
K4KVV	Lewis A. Ferrence Sr.	Lighthouse Pt.
N4FC	Arnold "al" Hendrick	Sarasota
W4EGM	R. N. Smith	Pinellas Park
K4YLG	Dick Servia	Miami/Augustia GA.
K4IGT	Leo Couture	Ft. Pierce
WA4JAU	Harbin J. Glasscox	Salt Springs
KA4IOJ	D.H. Spechler	Hollywood
W4NR	Jack C. Bricker	Augurndale
WS4V	Dick Harshaw	Miami
WA4AIY	Ed Lawowski	Cocoa Beach
W4AJX	Robert Ragsdale	Oviedo
KB4DLY	John Wintzinger	Sattelite Bch.
K4GRM	Robert Weill	Naples
KI4KH	Harry Lehman	Oklawaha
K4QVZ	Roy Baker	Lake City
WB4YKA	Ray Morel	Clearwater
W4YKD	Henry B. Stenson	Lake Park

GOOF DEPARTMENT

In the April issue, our printer made a simple mistake by switching photos on pages 13 and 23, as you probably figured out. We apologize to Mr. Burton Fry, KC4WE for this boo-boo. Mr. Fry's letter to me about the error was forwarded to our printer and person doing the "photo strip-in" so he was duly notified. Again we are sorry and be assured it was just a mistake, nothing else.

Editor

NEW 440 MHZ REPEATER MAP

After much delay and hard work, Florida Skip now has a 440 MHz MAP listing all Repeaters in Florida! The map editor, Harlin Cohn, W4UIM in Miami did a very nice job on this map. It is much like our 2 Meter Map except it is printed on light green paper. You will be amazed at the number of 440 Repeaters Florida now has! I was! The price is the same as our 2 Meter Map, 25 cents each with your self-addressed stamped envelope. (Don't forget the stamp!) To: 440 Map, Box 501, Miami Springs, FL 33266. (Note: The 2 and 440 Maps will go in one envelope for 22 cents postage.)

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Unfortunately, no reliable link has appeared to the Panhandle thus the Panhandle and the State Capital are not reliably connected to the rest of the state at this time. Besides, registration of stations, the next accomplishment was a uniform NTS Packet message format.

On February 26, 1988, Ted Huf, K4NTA, president of FADCA, announced the zip code for Florida stations as the method of addressing. The "@ PBBS" is still in use when the PBBS is known for the in-state routing. The newest wrinkle is the use of HF to "leap across the state." KK4WR (Miami), is the first PBBS with ports open to individual traffic originators and has granted full access to all listed on the registration list (known as NTSOP9).

Ken, KK4WR, forwards traffic received on his HF BBS to VHF PBBS's in the Miami area for local delivery and to the HF gateway stations for out-of-state forwarding.

The Florida NTS Packeteers have also started up a voice net Saturday mornings on 3978 KHz at 9:00 a.m. to coordinate their efforts.

Al Vesce, K4CY
13020 Montour Street
Brooksville, FL 34613 4892
(904) 596-7794

NOTICE NOTICE

Please check your mailing address label (top line) to know your expiration date. We WILL NOT send you a separate expiration renewal notice anymore. Thank you for your cooperation !! Editor.

HE WHO ISN'T CONTENTED WITH WHAT HE HAS WOULDN'T BE
CONTENTED WITH WHAT HE WOULD LIKE TO HAVE: KA4BJE.

BRAIN TWISTERS

By Bill, K0OWO

Number 1 has a list of words which can all be found on Number 2 in the puzzle.

The words are horizontal, vertical, diagonal, forward and backward.

If you like this, let me know and I will do more as time permits.

Bill, K0OWO
c/o Nabco, Box 2185
Evergreen, CO 80439

No. 2 BRAIN TWISTER WORDS

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BEAM
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CQ
DIPOLE
DX
FILTER
FLORIDA SKIP
HAM
HAM AWARDS
HAMFEST
ICOM
KENWOOD
KEY
LOG
MICROPHONE
MOBILE
MORE CODE
PACKET
PROPAGATION
QRP
QSL CARD
QTH
RECEIVER
RIG
RTTY
SLOPER
SSB
TRANSMITTER
TUBE
VERTICAL
YAESU

No. 1 BRAIN TWISTER K0OWO

FHLATERGNILPZCQASVUPMUEAXAWUDR
ANSETYRUKJDWXMOMOFUBDSJZYNLORM
WEQABAENQKQPOTLKMFCVERDONRTTYTI
NUCITEVERTICALAMPACKETVKAAREZ
SANJOSIYPICALIFUNIGTVASHONKLYT
LASGBREALTOOLNMENSATULNBRNOWAE
DAYTURCBRIGMNSQEAASHROUMYYAESUO
MHRTUSEARTYBNDAESFLAEFLFTYPLEA
HABIRTSABEIJLURTHREDIALOOLMTY
RUSTBELOPRSHAMCWABARYLEOTHOMAS
QRATHLLIBWALAOYOXSURITTRMOSDRK
YAESRCARFQKEMRPOLSLOPERIKOAEET
FMOBILESTUBRKSPOLYMNERGDWATMED
WATEGVANWHTEMETEDNOOKRUANICRPR
TIGRTOAQRQSDUCUKZLTIONVSWQERTI
YNHOACDFGOAPROPAGATIONXKNUTAVB
WONMLKTYIBCZQDEATYUPLMXIGHNMUR
BRIGHTQTJUELOPIDASNIPDEALRE
STAVBRESFJTYOPLOTRXCALIRCOLADY
DOGHARVLHUIOUTLKDVBNASTITBKILM
TIBMDFRCANQUEMJKRGMVPOPARIERTU
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TRIOOLARTMONACQUESTDIPOBNKRAAP
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See solution on page 23

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FLORIDA C.W. NETS

By Miss Phil, KA4FZI

Phone and CW 4RN ops may recall hearing Maude Hottenstein's messages to Snow Hill travel through the net. Maude sent WA4PFK, her personal originator, a note with clippings from letters she received from her friends. Dick mailed them to me. Since only delivering stations ever get a thanks, I reprint some of the comments here for all.

From the church bulletin in Snow Hill listing ways to remember shut-ins, "Another suggestion, that Mrs. Maude Hottenstein uses frequently, are the amateur or 'ham' radio operators. They seem to like the opportunity for public service and helping by using their skills and equipment."

From letters, "Dear Aunt Maude: Was I ever surprised when the telephone rang this AM about 7:30, while I was eating breakfast, delivering a singing telegram from you wishing me a happy Valentine's Day. How sweet and wonderful, it made my day."

"Dear Maude: What wonderful surprises! You are so thoughtful!" That was just a sample of the first eight acknowledgements received. Thanks for sharing these enthusiastic responses with all of us, Dick.

KA4SIH, Willard, reports, "QFNS continues to prosper. We give a big welcome to N4SDS, Dick in Coral Springs, who joined us as a regular this month. His willingness to handle traffic is notable. Our other faithful regulars remain loyal with high individual check-ins. Traffic has declined slightly but not alarmingly." QFNS is the net on which to learn traffic handling, how to be a rep, and how to NCS. If you know everything you can share your expertise with those who don't.

Note . . . Gator Net has moved to 40 meters on 7068 KHz effective May 1st until further notice. Don, N4ET, adds, "This was done in an attempt to hear each other through the summer static and skip conditions."

"There always comes a time on any net when the regular NCS doesn't show up for his/her scheduled session. After an awkward silence someone will step in and take over when it is obvious that the regular NCS is not going to appear. Gator Net is very fortunate to have several stalwarts who will do this. They are Andy, W4IYT; George, K4JI; and Cotton, KB9LT. It sure makes a net manager's job a lot easier. Thanks, guys."

"During the past two months the XYL, N4MML, and I have been helping to teach a class of aspiring novices. Along with the good feeling of doing something worthwhile there is a fringe benefit. It's amazing how the students can ask questions that will send you scrambling through the books and manuals to learn again the basics of electronics and radio in general. And besides, it's kinda fun."

73 Don, N4ET

Mort, WX4H, notes of QFN, "April has gone by the boards and it was a relatively slow month for most nets. We had sporadic activity from time to time but nothing really consistent. Summer time is fast approaching with vacation schedules coming up and a lot of people will be away which leaves the nets needing subs and helps from time to time."

"KB9LT, K4IA, N4SS, and others were active on the bulletin boards moving traffic to other nets when necessary. . . at least the messages are moving, thanks fellows."

"Static is raising its ugly head again as summer approaches. Please everyone, have patience. Early QFN is the tougher session since the sun is still up and the sigs aren't skipping real good. Late QFN is entirely better and everyone booms in up here in the Panhandle."

FLORIDA TRAFFIC NETS

Local Time	Net Name	Frequency
0700	Florida Phone Traffic Net (FPTN)	3940
0830	Gator Net (GN)	7068
1200	Florida Midday Traffic Net	7247
1700	Tropical Phone Traffic Net (TPTN)	3940
1730	Florida Medium Speed C.W. Net (FMSN)	3651
1800	Florida Amateur Sideband Traffic Net (FAST/E)	3940
1830	Northern Florida Phone Net (NFPN)	3950
1900	QFN The All-Florida C.W. Net (early session)	3651
2000	QFN - Slow-Speed Net (QFNS)	3715
2200	QFN - The All-Florida C.W. Net (late session)	3651
1630	Florida Public Operations Net (FPON)	3908
0900 - Sun.	Florida Packeteers Net (FPN)	3978
0800 - Sat.	ARRL Information Net	3940
0900	Florida Races Net	3990

SUPPORT THE NET OF YOUR CHOICE

(Clip and Save)



Another Florida school has formed a Amateur Club for the kids. The Space Coast Amateur Technical Group of Indian Harbour Beach has formed and equipped a station at Hoover Junior High School, reports Bill Newkirk WB9IVR. Above you see Bob Burton AA4QA demonstrates a tune up of the HW101 in the small "broom closet" shack which can be locked and protected. For details on how to get a club started in a Jr. or Sr. high school, drop him a line at 3151 S. Babcock St. No. 70, Melbourne, FL 32901.

"PFK added in his article of April Skip that new stations are needed. It's true for net survival. Introduce your friends to QFNS and QFN — better yet let them read any issues of Florida Skip you have on hand."

"How about these people for minor check-in to QFN — K4UBR, KY0T, N4CH, N4BU, W5TNT, W4AT, WV5Z, W4WNY, W9WIB, W8IM, WB4QBB, AB4BC, W4IYT and so on. Thanks you all and come on in more often. We can use any somewhere, somehow! W4KIX has such a strong signal along the coastal water that he blows my speakers out of the room. Good to hear George, K4JI, of Plantation, checking in. George is the Gator Net faithful and a good one too!"

"How about those people with many check-ins to QFN. Stars to KB9LT, KA4FZI, K4IA, K2GQU, N4SS, WA4EIC, WX4H, WA4PFK, W4KIX, WT4F, W4DL, WC4D, W3TLV, W4QXT, W1KAM, AA4HT and others. Never leave anyone out if possible but it does happen so no hard feelings amongst CWers."

"Any of you people with friends in the north or west that can check into QFN ask them to do so and bring traffic also. We can help them and I see that more and more cities that are hard to get into are being covered. In my book that's a success story. Have a good May and see you on QFN."

73 WX4H

WA4PFK writes of the poor 80-meter band conditions lately. "Of course, it is nice to be able to take traffic under ideal conditions but days like these give us the opportunity to test and hone our skills for an actual emergency. Hurricane season is nearly upon us again, so who knows? This may be the year we need to be ready to deal with emergency/battery power and QRP, emergency antennas, antennas lowered or with one or both legs on the roof and so on. I listened to KA4FZI pass several pieces of Florida traffic to KB5W on RN5 during these conditions and it was the perfect picture of two experienced ops working full break-in to perfection as the traffic was slowly but surely moved. Hopefully these conditions won't last too long but take advantage of them while they do . . . hi!"

Doc, WA4HDH, reaches far into the past this month. Describing his book on QFN history, Doc reports: "Those who read the 'History of QFN' will find many thumbnail sketches or who's who reports on many of our old hands. This is basically because these are the men I knew and respected so much as fine CW operators. Men such as Mac, WA4JH, my RN5 rep for many years; Mac from St. Pete, W4FPC, my 4RN rep for many years; Jim, K4BY, from Bradenton; Tom, K4COO, from Auburndale; Herb, K4KDN, from Winter Haven; Lee, W4ATA, from Gainesville and later Cape Coral; Jim, WA4BAW, from Miami — such a FB CW op who died in his late teens; Bill from Sarasota, W4TRS. These are all Silent Keys now but they taught me so much in the handling of traffic and how to be a good NCS."

"Some of the early QNI QFN who were all instrumental in developing QFN into the fine organization it is now were: Al, WA4BGW; Alan, W4BVE, Dan, K4EHY; Tom, W4IEI; Andy, W4IYT; Dave, WA4JYB; Lou, K4LAN; Donny from Ft. Myers, WA4LBM; Gene, W8LBU; George, W4MLE; Fox, K4PMO; Ken, W4SMK; Herb, W4KET; Clyde, W4SDR; Mike, K4VFY; Ray, W4VWL; Dave, W4WHK; Nick, K4BSS; Jerry, K4UBR; Dave, W4FFF; Don, K4FMA; and OB, K4CNY. These were the people I started with."

"Many of the newer ops do not know why Florida covers two regions instead of one like every other section net. QFN became an all-Florida CW Net by combining FN, the East Florida CW Traffic Net with NWFN, the West Florida CW Traffic Net."

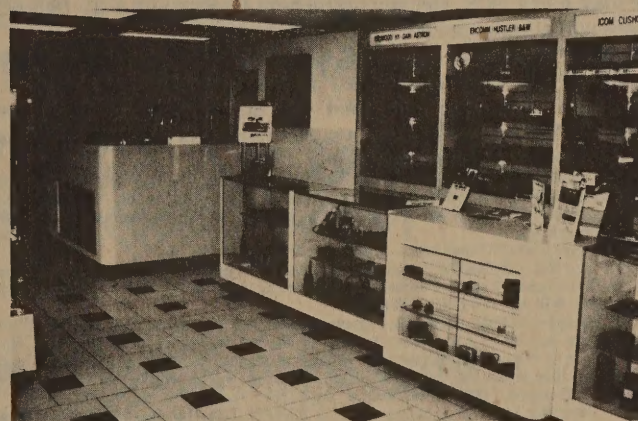
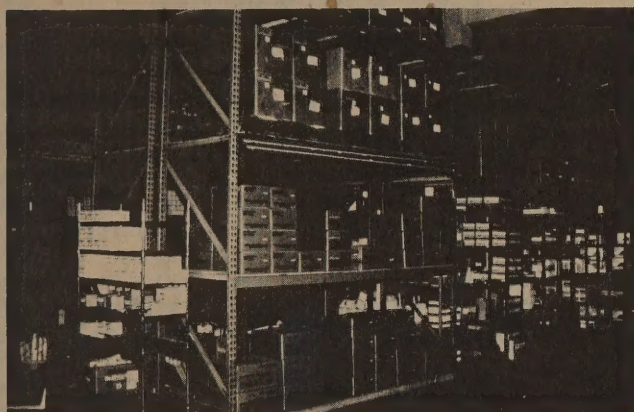
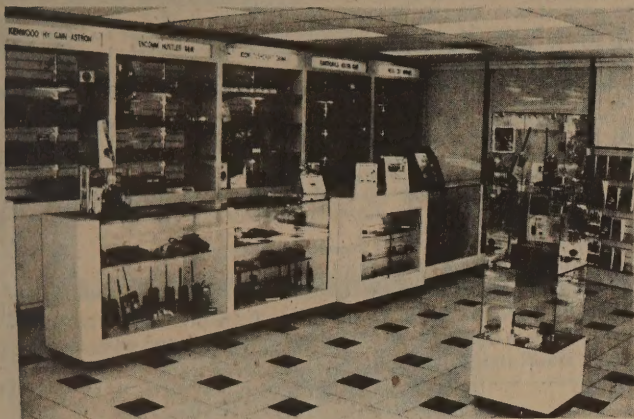
"By ARRL NTS organization the NWFN was basically in the Central Time Zone and was a part of the CAN. FN was in the Eastern Area Time Zone and was a part of EAN. When both nets combined, it was decided to cover both RN5 and 4RN. Therefore, we had to send reps to both regions."

"Over the years, net managers had the headache of providing reps to both regions. The controversy came to a head in the QFN report for November 1970 by Dan Franklin, K4EHY: 'In response to discussions and recommendations of Florida Route Managers, K4LAN, W4ILE, and K4EHY, also 4RN and RN5 Regional Net Managers, W4SHJ and K5IBZ, the Florida SCM's, W4RKH and W4KGJ, have recommended that there be no change in the QFN NTS Regional Representative System.'"

"So another part of history is recalled. I am in 1981 now and will go to 1985, so time is getting shorter. I am sure many of the old-timers will recognize many of the calls, Doc, and enjoy fond memories of those days."

Congrats to K4IA, Ed, as he assumes the responsibilities of CW editor for Florida Skip. I'll miss the contact with WX4H, N4ET, and KA4SIH who have made a Herculean effort to

A PICTURE IS WORTH 10,000 WORDS ...



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	836		

provide net information to me in time to edit and prepare it for the CW article; also WA4HHD with his fascinating and timely excerpts from QFN history sprinkled with related CW philosophical observations. Can't say I'll miss pondering over dependent/independent clauses, restrictive/non-restrictive phrases, commas/semicolons or periods, and all those other items joyfully forgotten many years ago. They were never my forte. I look forward with pleasant anticipation to reading the fine contributions from Doc and the other net managers in Ed's article. My thanks to each of you and WA4PFK, my proof-reader, who sends a list of errors after making a panic phone call to Andy with corrections. Also thanks to Andy, W4IYT, for printing my usually lengthy offerings. My sincere best wishes to you Ed. I can't think of a finer person to communicate CW news and views to all traffic handlers!

73/88 KA4FZI

SSB AND ALL VOICE NETS

By Al Suhr, WB4AID

We could write an entire sequence on the summer band problems. Each summer poor band propagation plagues Amateur Radio Operators throughout the world. Bill Matzinger, WD4KBW, manager of the Tropical Phone Traffic Net, is no different than most managers who wish their nets could find a "clear" band. But his net is unique because it must now operate on 40 meters on or about 7243 KHz instead of 3940 KHz (on 75 meters).

April 23rd found this change taking place and now Bill reports that a greater signal strength allows them to effectively cover the Florida "Panhandle." He is also reconciled to a period of approximately three months before conditions again stabilize. Bill intends to use 3940 as an alternate frequency, conditions permitting.

Such a change causes great difficulties to those members who do not have 75-meter capability. (SSB Editor Note: We are certain these several stations will remain on the TPTN rolls.)

WD4KBW writes, "In a few weeks we (TPTN) will be selecting a new net manager from Northern Florida. Please take time to consider if you might be this person. Nominations will open June 12th and close June 20th with election the next day."

Mac, KB3NS, is absent while his wife is in the hospital. It is further noted that Coy, KA4AJR, has moved into a condominium which does not allow antennas. We will keep you informed as to the resolution of this situation.

2200 UTC (5 p.m. Eastern Time) 3940 KHz. (SSB Editor Note: He did write 3940 KHz! Better listen first!)

FAST Net Manager Bill Matzinger reports that W1KUR Eunice, has returned to Maine after the winter in Florida. She was Thursday early NCS. Her northern time is occupied with fishing, and she will attempt to check in when time permits.

Another FAST Net absentee is Lee, KB4FBX (late regular Thursday NCS), who has returned from a three-week sojourn to Ft. Lauderdale where he was sent by his employer, American Telephone. This same thing happened to him last summer when he went to the Mid-West for a big job.

FAST is looking for a regular NCS for the Thursday early session. Need your help folks! Traffic conditions are not conducive to the best in communications. Please speak distinctly and use phonetics where necessary. Be patient with NCS, he wants you to speak slowly as well, please.

FAST (early) 2300 UTC 3940 KHz — (late) 0330 UTC 3942 KHz.

(SSB Editor Note: WD4KBW is manager of both TPTN and FAST Nets. Ye Editor was out of town and could not receive some of the important variables usually associated with these two nets. Will report on this next month.)

FMTN Manager Al Suhr, WB4AID, regrets to announce that Bob Updegraff, WA4GYJ of Jacksonville, has found it necessary to hang up the key and give ham radio a rest. His hearing makes it impossible to properly dispose of his radio duties. Many of you will remember the nice job he did much earlier as NCS at the ripe age of 78 years young. We wish him "God's speed." If there was ever a "supporter" for FMTN, Bob was that one.

Another member to leave amateur radio is KK4FN, Don Hansen, who has found it necessary to remain off the air for about a year. We are looking forward to your return to FMTN, Don. WD4IUJ, Jimmie of Pensacola, will be away from ham radio for awhile until his health improves.

Two new members! Nancy, KV9W of Big Pine Key, frequents FMTN almost every day before she goes to work. Nancy is keenly interested in traffic handling. And — N4NGP, Bruce of Lakeland, is regularly present and eager to handle traffic. A hearty FMTN "welcome" to you both!

Recently FMTN reinstated to the roster, Walt, N4HRI of Gulf Breeze. You may recall that, years ago, he was a part of the warm-up team. On May 4th he was appointed as FMTN assistant manager — warm-up coordinator and will assist KA4GUS, AA4IY and WD4UII as an additional coordinator for the FMTN pre-net activity.

New trainee on the NCS list are WANRT, Ed of Palatka, and KB4UHC, Harry of Apollo Beach. The present plan is to have them assist on the warm-up in order to become familiar with calls, names, and locations. Their interest is most certainly appreciated.

It is interesting to note that FMTN operates only one session per day. This is the only time we can generate our high scores. FMTN members work themselves to the bone for amateur radio, and they are pleased to do so. When messages are delivered by telephone and a kind word is uttered on response, that makes it all worthwhile. We especially take our hats off to the NCS and REP folks who forward traffic via the regional nets. These hams work very hard for FMTN and amateur radio in general. Thanks, guys!

FMTN meets daily at 12 noon Eastern Time on 7247.5 KHz. You are all invited to join the FMTN warm-up at 11:30 a.m. for the fun of it, before the gong sounds the first formal round. See you there.

Bill Richards, WB4WYG, manager of the FPTN submits the following account of his

net: The average daily check-ins are still holding up above 50, and the total for the month of April was still above 1,500. Some of the regular members are off traveling — Charlie, WA4EYU, in Georgia; NT4K, Fred, will be off for about two weeks; and KF4RL, Fred, will be on his way back to his home state of Tennessee. Won't be long before "Doc" will be getting his R.V. ready for a lengthy cross-country run.

K4BLM and Freddie checked in recently and it sure was good to hear both of them, and get news of their situation. Brother John, W4GUJ, is under the weather and his medication is such that he finds difficulty getting on the air at 7 a.m. Miss Ginger, WB4WOU, occasionally gets out the rubber hammer to tap the rig and trip the vox circuit.

Dad, WB4TZR, and his cohorts have collected Mother's Day traffic at one of the malls and have contributed much to the morning traffic. All this after a high wind took his 40-80 trap dipole down, and out of action.

Charles, N4QVY of Hobe Sound, is coming into the net right regularly, and we do welcome the coverage in that area of the state. Miss Evelyn, W4WYR, had a car accident with extensive damage to the car, but thanks to the seat belt, she has (only) many black and blue marks, however all else was okay.

Bill of Deland has a new call — used to be W4EWM — now he answers to KM4AE. Best of luck and congratulations. Coy, KA4AJR, has moved and will need some time to get his antenna and rig back on the air.

Come visit the Friendly Florida Phone Traffic Net at 7 a.m. on 3940... We get the job done and have a good time doing that job.

NOTICE: SUNDAYS ONLY. State RACES net on 3990.5 at 530PM EDT. All Florida RACES and EC, are strongly urged to check in with Manny W4SS and/or the NCS.

TRAFFIC HOUNDS — APRIL, 1988

By K4ZK

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MGR	QTC/QNI
QFN	936	15.6	852	14.2	60	WX4H	.91
FMTN	696	23.2	756	25.2	30	WB4AID	1.08
FAST	703	11.7	316	5.3	60	WD4KBW	.44
FPTN	1519	50.6	314	10.4	30	WB4WYG	.20
GN	307	10.2	260	8.7	30	N4ET	.84
SVTN	634	21.1	223	7.6	30	KB4LB	.35
TPTN	733	24.4	208	6.9	30	WD4KBW	.28
SEFTN	1126	37.5	200	6.7	30	KA4YHS	.17
NFPN	2160	72.0	187	6.1	30	AA4QC	.08
SWFTN	689	26.5	139	5.3	26	KB4LPL	.20
QFNS	237	7.9	110	3.7	30	KA4SIH	.46
FPON	496	16.5	98	3.3	30	WB4GCK	.19
FMSN	370	12.3	96	3.2	30	N4IWO	.25
SPARC	693	23.3	47	1.6	30	KA4CRS	.06
PBTN	376	18.8	24	1.2	20	WA4RUE	.06
DEN	362	90.5	22	5.5	4	N4ORZ	.06
AIN	124	24.8	14	2.8	5	WA4PFK	.11
PRVAN	49	6.1	13	16.0	8	WD4KBW	.26
ENMC	46	11.5	000	00.0	4	K4ZK	0.00

TOP TWENTY TRAFFICERS — APRIL 1988

By WA4PFK and AA4HT

1. W3CUL	3,058	11. K4EUK	344
2. W3VR	1,079	12. N4PL	315
3. WX4H	734	13. K4CY	315
4. WA4QXT	586	14. N4SS	298
5. WD4KBW	517	15. K4SCL	297
6. WA9VND	512	16. AA4HT	294
7. W4DUG	508	17. KB4LB	287
8. WD4IIO	490	18. N4JAQ	286
9. WA4PFK	357	19. KB9LT	268
10. W4NFK	355	20. KK4WR	254

WANTED: More Ham shack - Operators photos. Can be in color so long as colors not too dark. Club photos, of Field day, contests, or special events. Give details of person in photo please. Editor, Florida Skip.

ANOTHER WALK AMERICA

By Larry Poulin, W1ZYR

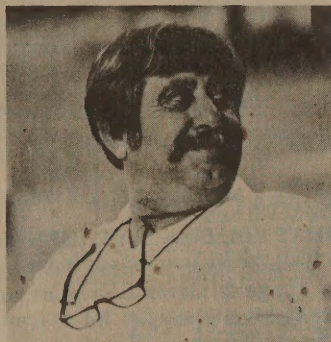
For the fourth year in a row, Spring Hill Amateur Radio Club (SHARC) supported the March of Dimes "Walk America" Walk-a-Thon in Spring Hill on April 23rd by providing two-meter communications at various check-points. W1MSK's repater on 146.625 was used for this event with Paul, K4ZC, acting as net control.

The tally for this year's event is not in yet, but it is expected to top last year's total of \$22,000, which was used to fight birth defects.

SHARC members participating were: George, W1KBO; Rudy, W1MSK; Ed, W1OOR; Larry, W1ZYR; Arch, KA2OGG; Bob, N4EBH; Bud, N4GEL; Armand, KJ4JQ; Hank, KJ4LG; Lin, WA4SPR; Paul, K4ZC; Thelma, N9BRE; Cotton, KB9LT; Charlie, W9JDK; and Ed, W9KWD.

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S.H.A.R.K. TALES

South Hillsborough Amateur Radio Klub

By Katherine Anderson, W8DUV, President

Novice classes began May 3rd but one student couldn't wait for the customary six or eight weeks of instruction. Bill Terrell, whose father was W4BVM (now deceased), has already passed the exam!

Bill, a deputy sheriff for Hillsborough County, learned about SHARK's upcoming novice classes on April 10th — Springfair Day. His display was next to the amateur radio station and he spent most of the weekend chatting with hams.

When he heard Morse code coming out of K8MZA's Kenwood 940 speaker, Bill was amazed that he could still read a few letters. He'd learned code when he was a kid, but never was bitten by the radio bug. All of a sudden he wanted to get a license.

Ed, ordered the "Tune in the World" package but while waiting, Bill used W8DUV's homemade code tapes. In two weeks he was copying faster than five words per minute. The novice exam was no problem for him; he passed on the first try. Now he's waiting (not so patiently) for his license to come. But he's not going to stop at novice — tech and general are just a test away.

Congratulations Bill Terrell. I'm looking forward to our first CW QSO real soon.

SHARK's have been busy: Presented set of ARRL books to East Bay High School, joined the Chamber of Commerce; accompanied SCC ARC to visit the WXFL (Channel 8) tower; participated in local bike-a-thon with Kiwanis Club and visited the King's Point ARC Club room after the April meeting. The May meeting at TECO in Ruskin will feature a talk on security by Bill Terrell, the newest member of SHARK, mentioned above. He especially wants all the YLS and XYLS to attend.



Senator Ileana Ros-Lehtinen recently paid a visit to the Royal Palm Elementary School in Sout West Miami. Alan Wolfe WB4DYU a teacher there form an Amateur Club for his students and they are in the process of getting their licenses. Senator Ros-Lehtinen was thrilled to work DX station from the classroom and needless to say, the children were thrilled to have a real live Senator in their class room! (see LETTERS for her comments about the visit. Alan is requesting any usable ham equipment for the kids when they get their tickets. Most of them will not get on the air unless they have something they can use. If you can help Alan at 305 221-7961 if you have some thing to donate or loan. (Photo by Carol Iglesias.)

MARCH OF DIMES

By Edith Eltzroth, KC4AFQ

Lake Amateur Radio Association again reporting community service. Paul Hickman, N4KAY, served as control operator for the March 26th Walk-a-Thon for the March of Dimes. Constant communication by 16 amateurs at several check-points along the route of the Walk-a-thon.

LARA accepted a Certificate of Appreciation last Thursday. Our Trustee, Reid Martin, W4BP, accepted the certificate at a reception where many people were recognized for their service as the project success. Twenty-five thousand (\$25,000) dollars was collected for the March of Dimes project.

FLORIDA SKIP STOLEN EQUIPMENT HOTLINE

Please call PARAGON TECHNOLOGIES at (305) 238-7226 or write to P.O. Box 163135 Miami, FL 33116 if you have had amateur radio equipment stolen or know the whereabouts of any of the following:

MAKE	MODEL	TYPE	SERIAL NO
AZDEN	PCS-4000	2 M MOBILE	200540
AZDEN	PCS-4000	2 M MOBILE	202660
BIRD	43	WATT METER	111008
BIRD	43	WATT METER	?
CLEGG	FM/DX	?	FN-662
FLORIDA	CUSTOM TAG	LICENSE PLATE	WB4KSD
FLORIDA	CUST TAG W/CAR	'78 GRAN PRIX	KB4AXD
ICOM	MICRO-2AT	2 M HAND-HELD	2280
ICOM	02-AT	2 M HAND-HELD	34872
ICOM	22-S	2 M MOBILE	?
KANTRONICS	TNC-1	PACKETT TNC	49504
KENWOOD	HT-205AT	2 M HAND-HELD	8011004
KENWOOD	SP-100	SPEAKER	?
KENWOOD	TM-211A	2 M MOBILE	5101179
KENWOOD	TM-2550A	2 M MOBILE	6060616
KENWOOD	TS-140	POWER SUPPLY	710010
KENWOOD	TS-130S	HF TRANSCEIVER	1080306
KENWOOD	MC-34	MICROPHONE	?
KENWOOD	TW-4000	2 M/440 MOBILE	3121204
SANTEC	HT-1200	2 M HAND-HELD	100154
TRIPPLITE	40 AMP	DC SUPPLY	?
YAESU	FT-227R	2 M MOBILE	?

IT'S WHAT YOU DO — NOT WHEN YOU DO IT

From Wall Street Journal via WA4LLJ, Miami

Ted Williams, at age 42, slammed a home run in his last official time at bat. Mickey Mantle, age 20, hit 23 home runs his first full year in the major leagues.

Golda Meir was 71 when she became prime minister of Israel. William Pitt II was 24 when he became prime minister of Great Britain.

George Bernard Shaw was 94 when one of his plays was first produced. Mozart was just seven when his first composition was published.

Now, how about this? Benjamin Franklin was a newspaper columnist at 16, and a framer of the United States Constitution when he was 81.

You're never too young or too old if you've got talent. Let's recognize that age has little to do with ability.

VHF/UHF ON FIRE

VHF and UHF propagation conditions were excellent from 20 to 22 April as reported by K1FJM in Homestead, near Miami. He worked 185 SSB stations on two meters and 70 CM during the opening including XE2M, two stations in San Angelo, Texas, on both 144 MHz and on 432 MHz. The distance of 1286 miles to San Angelo is not a new record, but not bad for running just 20 watts out on 432 MHz.

On the morning of the 21st, Pete worked several San Antonio, Texas, mobiles on two-meter SSB at a distance of over 1,050 miles. Most stations were running low power and several used whip antennas and one even was using an HF tribander!

In all, K1FJM worked eight states (and 50-grid locators) on two meters and four states (plus 20 grids on UHF). Pete reports that the opening caused by a stagnant high-pressure system was the best tropo he has been treated to in over 15 years of ducting experimentation.

TNC — BBS AND WHAT?

By Ken Broder, KK4WR

In April I wrote about the extra linefeeds that were showing up on my messages on packet, and the results of the research I conducted. I was surprised that I received so few comments because I expected many comments to the effect "you're wrong!". However, several SYSOP's did respond to the effect that I was wrong because they routinely use word processors to upload their files onto their BBS's, and they had no problem with the extra linefeeds.

The reason SYSOP's operating WA7MBL software don't have any problems with extra linefeeds is because they are too "close" to the problem. As a matter of fact, they are the problem. It appears that linefeeds are added to the messages on receipt at the

ALL NEW!!! • KENWOOD CLOSE-OUT!!!

BC-6 QUICK BATTERY CHARGE	\$ 60
TM-201-B 2-METER 45 WATTS	300
PS-430 D.C. POWER SUPPLY FOR TS430S	150
MB-430 MOBILE MOUNT FOR TS430	118
AT-250 AUTOMATIC ANTENNA TUNER (160M-10M BANDS) FOR TS430S	250
MB-100 MOBILE MOUNT FOR TS130S-120S	20
RA-5 2M/70CM BAND	80
RA-6 2-METER ANTENNA	15
MA-5 5-BAND HELICAL-TYPE H.F. MOBILE ANTENNA FROM 10-80 METERS	75
AT-940 AUTOMATIC ANTENNA TUNER FROM 160-10M FOR TS940S	175
FC-10 FREQUENCY CONTROLLER	38
TL-120 H.F.-LINEAR AMPLIFIER FOR 120V/130V	185
MS-1 MOBILE STAND CHARGER FOR TR2500/3500/3000	35
FILTER: XK-88A — \$60 / XR-88CN — \$45 / XG-455CN-1 — \$45	
TM-401A UHF F.M. 440-450 MHZ	265
BO-9A SYSTEM BASE FOR TR9500/9000	18

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AF-606K MODE ACTIVE FILTER	\$ 80
SR-1000 VHF-F.M. RECEIVER FROM 144-160 MHZ	80

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BBS. I've proven this to myself by running the MBL software on my computer.

Bob, WB6KGB (also known as CIA), was kind enough to write a little basic program that striped linefeeds. As he says, "I don't know what good it's going to do you Ken. You can't see what you're sending because the whole darned message appears on the same line." I have to admit that Bob is correct, but it does work, and was a means to an end until something better could be found.

At any rate, I misinformed you last month when I said that I couldn't find a program to strip linefeeds while uploading. Further investigation of ProComm Plus revealed that the program does indeed have this capability. I tested it and found that it was a most satisfactory way of solving the problem and, worked just great! No more complaints from SYSOP's and I'm no longer concerned about garbaging up the BBS's.

It still would be nice to see some of you folks out there run your

own little tests, and if you run across something interesting, let me know. Also, I know that there just has to be other modem programs that will do the same thing. Let me know what programs they are, and I'll share the information with everyone.

ARRL-NWS AGREEMENT SIGNED

ARRL Washington Area Coordinator Perry Williams, WIUED, reports that a Memorandum of Understanding (MOU) between the ARRL and the National Weather Service (NWS) has been signed.

The MOU establishes principles of cooperation between the league and the NWS. Signing for the weather service was Dr. Richard E. Hallgren, assistant administrator. Details of the agreement will follow in "QST," Field Forum and Section Leader.

(The ARRL)

Editor's Note: We are happy to see the above come about on a national level. It is with pride that over nine years ago the Dade County ARPSC, under the leadership of Ye editor that the first National Hurricane Center agreement was signed between the NHC and the DCARPSC. And going back almost 30 years the Florida amateurs had an agreement with the weather bureau officials to provide weather reports on a daily basis from key amateurs around the state.

Certain amateurs were selected by the weather bureau officials to take daily readings from instruments provided by and taught by the Miami Weather Bureau namely Grady Norton and Leonard Pardue. So it is with pride that I say FLORIDA lead the nation with hand-in-glove relationship with the WXBU! "Ye Ed" was a part of WARN. All reports were received in Miami via 75-meter A.M. phone. Some were passed via C.W.

As years passed and more and more wire service came into play, the WARN was put to bed with a pat on the back with a WELL DONE AMATEURS from the U.S. National Hurricane Center and the National Weather Service.

Look for a special report on the MIAMI NATIONAL HURRICANE CENTER this month by Layton Rues, W4VBQ, Dade County ARPSC Hurricane Center coordinator. — AC

FLORIDA ROUTING TRAFFIC GUIDE

A must in every Florida Ham Shack. Edited by Ron Mettler, WB4GHU. ARRL numbered texts, CW abbreviations, Emergency Communications, Florida city abbreviations, Florida cities listing, ICAO alphabet info on traffic handling, Message form, Florida net listing, NTS routing guide, QN signals, 3rd party traffic restrictions, toll-free calling areas, 2 letter state abbreviations, State abbreviation and ZIP codes, ARRL Net Directory registration form, MARS "Z" signals most used, and more. 64 pages.

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UNITED STATES AIR FORCE M.A.R.S.

By Guice W. Johnson, WA4LHO/AFA2SB

USAF MARS like all other things in life is a combination of peaks and valleys, good times and not so good times and every level in-between. April, 1988, was one of those not so good times. I lost two good friends. The world lost two fine citizens and USAF MARS Region Two lost two very good members. Harold Nyswonger, WD4EQK/AFB2AE of Winston-Salem, North Carolina; and Morton A. Clarke, N4GYJ/AFA2ZR of Sarasota, Florida, departed this realm during April. It is not my intent to start this article in a down mood, quite the contrary. Anyone that ever knew or worked with either of these gentlemen is bound to be the better for it.

Those of you that handle traffic know that there are times when you feel no one appreciates your efforts and then a moment occurs that makes your life rosey again. Like the time on Thursday night a message came through the system from Japan dated the same day. The message was for a lady in Lakeland telling her that she had become a grandmother that very morning. The operator thought that the occasion was important enough to justify spending his own money on a telephone call. Grandmother answered the telephone, received the message and immediately hung up. A real bummer, yes? No. On Saturday morning grandma called the operator long distance to apologize and send a return message to her daughter in Japan. She had become so excited about her first grandchild that she hung up before she meant to. Later she remembered the operator's name and city and made several calls to track him down.

Yes, there are good times and not so good times. The good times just shine a little brighter. There is something special about the feeling you get when you help make someone happy.

ARMY M.A.R.S. PROFILES

By Katherine Anderson, AAV4DX

Fred Nazar, AAR4NC, participates in Army Mars Nets on a regular basis, sends in his report on time and has been doing this for over 25 years. But you've probably never met this MARS member on the air, unless of course, you check into the CW nets. Fred is a regular there.

First licensed in 1936 (Detroit), Fred was no stranger to ham radio. He'd been building receivers since 1920. Radio wasn't his only interest though — he played alto sax and clarinet in the Detroit Fire Department Orchestra. An accident cost him the tip of a finger so he took up organ playing and enjoys all the old tunes.

Moving to Clearwater in 1972, Fred became K4HCL — High Cost of Living. He enjoys bowling, music, photography, astronomy, fishing and woodworking. Now that our CW nets have been cut to once a week, his participation in MARS has likewise diminished. But his interest overall in the MARS program is reflected in his certificates: One for 25 years of service, and one showing completion of all 25 extension courses. Quite a feat!

Florida Army MARS now has a frequency, 148.650, set aside for packet operation. Only a few members are taking advantage of this clear frequency for error-free message transmission. Fred hopes to get a personal computer soon and experiment with new modes of communication. Hopefully, he and others like him will put this clear frequency to use in a statewide network of packet operation.

(AAV4DX is filling in for Mac McPherson, AAR4ND, who is recovering from a stroke.)

WALK AMERICA 1988

By G.W. Johnson, WA4LHO

For the second year the Charlotte Amateur Radio Society (CARS) was asked to furnish communications for the March of Dimes Walk America. Of course we jumped at the opportunity to again assist with such a worthy cause. Twenty-five "hams" answered the call and volunteered their time and equipment. The 12-mile route is about the same as last year starting and ending in Gilchrist Park in Punta Gorda. This year because of the larger number of walkers we had four "sag wagons" or "poop-out vans" instead of the three that we had last year. Each of these vans had a communicator in them. Freda Begeal, N4OSK; Phyllis Davis,

1988 FLORIDA QSO PARTY

Announcing the 22nd Annual Florida QSO Party sponsored by the West Palm Beach Amateur Radio Club, Inc. and Florida Skip. The contest will be held on July 30 & 31, 1988. Operating times are as follows: Saturday 1400Z (10AM EDT) thru Sunday 2100Z (5PM EDT). Suggested frequencies: Phone 3945 7279 14279 21379 28479 KHz CW 3725 7125 14055 21150 28150 KHz All amateurs worldwide are eligible and are invited to participate.

CONDITIONS OF ENTRY: Each entrant agrees to be bound by the provisions of this announcement, the regulations of the applicable licensing authority and the decision of the Contest Committee which is final.

VALID CONTACTS: All amateur bands 160 thru 2 meters may be used. All stations will use separate logs for phone and CW. Phone and CW are separate contests. A station may be worked once on each band and once on each mode. Neither crossband or crossmode contacts will count. No repeater contacts may be counted for credit. Florida stations may work other Florida stations for contest points only. Out of state stations may not work each other for contest credit.

ENTRY CLASSES: Florida stations are divided into two classes. Class A stations are those operating portable (under FD rules) or mobile on emergency power using 100 watts or less OUTPUT inside Florida but outside their home counties. Class B stations are all other stations operating in Florida. Entrants may be single operator or multi operator and this must be indicated on the summary sheet.

EXCHANGE: Florida stations send signal report and county of operation. Out of state stations send signal report and US state, Canadian province or DX country.

SCORING: Florida stations count one point per QSO with out of state and other Florida stations. Multiplier is the total of states (49 max.), provinces (12 max.), and DX countries up to 27 actually worked. Maximum multiplier is 88. Out of state count two points per QSO with each Florida station. Multiplier is the total number of different Florida counties worked (67 max.). The score is the product of QSO points and multiplier. Florida Class A stations ONLY multiply final score by 1.5 to obtain total score.

AWARDS: Certificates on phone and CW will be awarded for the top single operator score in each state, province and DX country. Certificates on CW will be awarded for the top Novice score in each state. Also the top scorer in each Florida county will be awarded a certificate. Multi operator winners will receive certificates as activity justifies. There will be three plaques awarded to: High single operator Florida CW, High single operator Florida Phone and to the Florida club with the highest aggregate score. There is a 10 contact minimum to be eligible for a certificate.

DISQUALIFICATION: The ARRL Contest Disqualification Criteria will be used in deciding upon disqualifications. Among reasons for disqualifications are improper reporting, excessive dupes, errors in multipliers, late logs and cheating.

REPORTING: Phone and CW entries are to be separated with logs for each. Along with legible logs in chronological order, a summary sheet is required with each entry. Those with 200 QSOs or more must supply a dupe sheet. The summary sheet must contain claimed score, Florida county or State, number of QSOs, multiplier total, station call sign, entry class, power source for Class A entries and complete address. The name of the Florida club for which aggregate total credit is being assigned must also be on the summary sheet. A signed declaration that rules and regulations have been observed must also be included. A sample summary sheet is available for an SASE from the QTH below.

DEADLINE FOR ENTRIES: All entries must be postmarked on or before September 3, 1988. Mail all entries to:

FLORIDA QSO PARTY CONTEST COMMITTEE, P.O. BOX 8104, West Palm Beach, Florida 33407

KA1JC; Toni Commercio, N4QOD; and Nelson Calkins, N8AYB, did an outstanding job of picking up the tired, lame and blistered.

The rest of the "hams" were stationed at strategic locations along the Walk route to provide the best coverage in order to afford the greatest safety for the participants. The route communicators were Lew North, W4BX; Dick Moody, KC4K; Warren Butler, WB9LMQ; Bill Huff, WZ4Q; Mel Jenkins, W4STI; Margie Johnson, N4SMJ; Elmer Davis, N1BJX; Paul London, KI4XZ; Fred Sisson, AA4ZN; Bob Webb, K9HBJ; Sam Curry, N4BXM; Jim Weir, AB4HK; Charles Zimmerman, WD4HPJ; John Setcliffe, KL7JV; Joe Kamen, WU4X; Bob Parsons, VE3ABA; and Bruno Paras, N4EAR. The net controls were Arie Cook, K4IA, and Guice W. Johnson, WA4LHO. The project was coordinated by Guice.

It was a long day for some of us. We had over 1,100 walkers start the 12-mile course and every one of them finished one way or the other. Many organizations including CARS received awards for their assistance. The bottom-line of over \$46,000 raised to help prevent birth defects made it all a day well spent.

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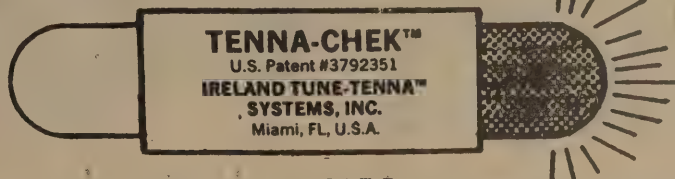
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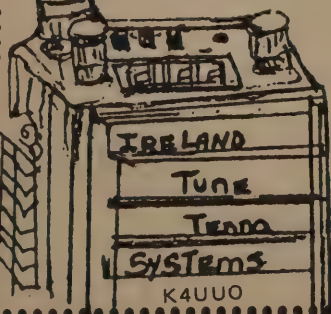
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June 1988, FLORIDA SKIP / 11

HAMS IN JACKSONVILLE AND ORANGE PARK CAN TALK TO GAINESVILLE ON TWO METERS

By Arthur Sheddan, W4LJL

The Amateur Radio Club-Bradford Area (ARCBA) is now on the air on 145.15 MHz (-600). The repeater identifier is NN2S/R. STARKE FL. This is an open repeater, no phone patch at present. Coverage with base stations extends from Mayport to way beyond Gainesville. I have worked it mobile from east of Craig Airport in Jax to south of Gainesville on I-75.

The repeater opens a path of communications for routine and emergency traffic which has been badly needed for a long time.

Fewer than a dozen serious contributions have made this link possible. The repeater is a 30-year-old G.E. commercial unit, maintained by Jerry WA4MUC. The 400 feet of 7/8th-inch hardline was donated but the 40 hangers for it cost \$32 each. We need support from clubs and hams around us. Anyone willing to help can contact Ben NN2S or myself.

The ARCBA net meets on Monday nights at 7:30 (Eastern time), except the fourth Monday, when the club meets at WEAG Radio (the repeater site), on FL 100, one mile southeast of U.S. 301 (the traffic light in Starke).

(Balanced Modulator — N4UF)

I DON'T REMEMBER EVER SEEING A HAPPY MAN WHO HAD,
NOTHING TO DO. . . . tks W4ZGG..

SIXTH EDITION 2 METER REPEATER MAP

We are happy to announce the 6th Edition of our famous 2 Meter Map is off the press. Map editor Bill Tucker, W4FXE did his usual excellent job with 100 percent updates. The map is 11 by 17 inches printed on 50 pound light yellow paper with black ink, making it easy to read. Each city has its own box containing repeater frequencies. Another list is along the left side making it easy to see which city has what frequency. We are keeping the price down to 25 cents each plus your self-addressed stamped envelope (SASE) to MAP, Box 501, Miami Springs, FL 33266.

ATTENTION ALL MEMBERS OF S.O.W.P.

By Bill Willmot, K4TF

SOWP is revamping its publication program. Letters to the editor, radio articles, and anything else that might be of interest to members should be sent to Waldo Boy, K6DZY, P.O. Box 86, Geyserville, California 95441. Pictures of all types including operators, former stations, ports of call, etc., would be appreciated.

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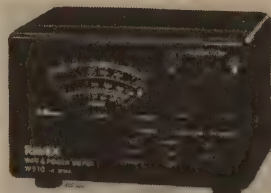
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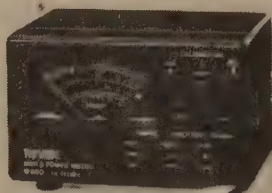
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SWR SENSITIVITY	0 W	4W	S1:2W S2:3W	S1:2W/S2:3-4W
MEASURABLE FUNCTIONS	PWD POWER REF POWER PEP MONITOR SWR	PWD POWER REF POWER PEP MONITOR SWR	PWD POWER REF POWER PEP MONITOR SWR	PWD POWER REF POWER PEP MONITOR SWR
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METER	1	1	1	1
SENSOR	1-BUILT IN TROIADAL CORE	1-BUILT IN STRIP LINE	2-BUILT IN S1: TROIADAL CORE S2: CH	S1: BUILT IN S2: EXTERNAL CH S1: TROIADAL CORE
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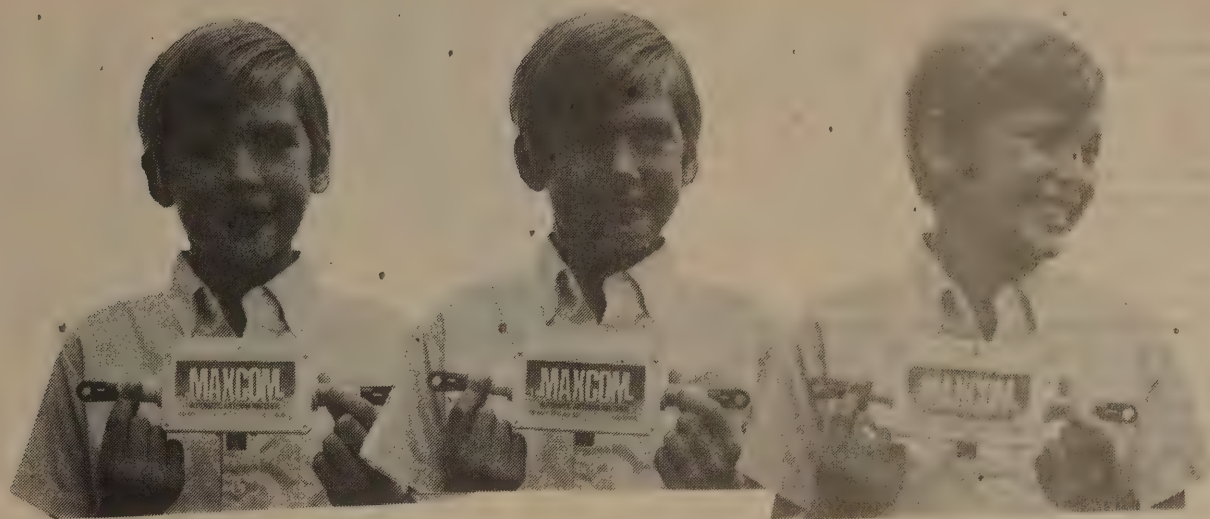
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POLISHING BRASS
By Dan Laxson, W4DL
• PART TWO •

In 1924 trouble appeared from down the street in the form of a pretty girl who wore short skirts and high-heeled red shoes. A battle between ignorance and impulse began; there was a lot of adolescent twisting and turning and all of a sudden dots and dashes appeared the same length. Ham radio was saved when the young lady, always so impulsive, was sent to reform school for hitting her mother with a flat iron. Her mother, obviously a narrow-minded individual had objected to her daughter climbing out the window at night and going with the fellows. It was no small loss.

After playing sandlot football, out-weighed by 50 pounds, an injury some distance south of the navel resulted in sufficient rest to study amateur radio. In 1926 I became NU4EU.

My rig was a two-tube regenerative receiver using honeycomb coils and the transmitter a two-tube breadboard job. The antenna was the off-center Hertz, now known as the Windom, 66 feet long and tapped nine and a half feet off center. The power supply was a borrowed motor generator with a 110-volt motor driving a 500-volt D.C. generator. Filter? There wasn't any.

Soon amateur radio really became interesting. It was astounding how many people in Czechoslovakia heard me and heard you and QSLs became to be received.

When the motor generator froze up and was returned, not without a stern lecture on preventive maintenance, a fellow ham working in Grants sold me the first essentials: two plate transformers, two because they had no H.V. center tap, and a filament transformer.

The bug burrowed a little deeper and it was decided to study for a commercial ticket. Even during vacations at the beach large shipboard diagrams were drawn in the sand with a stick.

I joined the local Naval Reserve as a Radioman Third-Class. My skinny frame in a sailor suit was not impressive. Friends joined and our naval career was launched. Mine lasted 12 years.

Cruises were made on the old flush-deck, four-stack destroyers that still sported a small spark set in a cabin midship as their auxiliary radio.

Summer cruises were excellent and exciting. So was the train trip to dockside. Once when the blackjack banker had only silver dollars, I walked with a starboard list until I shifted some of the loot to the other pocket.

During one wild night of 100-knot winds I tied the typewriter platen to the port pole dogs and spent the watch curled up under the table, wearing my headphones and with a bucket handy. As the night wore on I became worried I wasn't going to die. At one time I rushed through the hatch leading to the bow and was searching for the rail. The gangway watch reached his arm around and snatched me back. In good time too, my face was in the water.

Once during a bad storm there came the occasion to remove the D.F. loop because there was no loop action. It was disconcerting to see the grey-green waves overhead and words were snatched out of my mouth and blown aft. That was probably the reason they didn't hear me say no. Two of us went up to do the job. A gull trapped under the canvas windbreaker was blown in our face and disappeared.

While one of us unscrewed the base the other held on to the loop. There was water in the coupling and we managed to dry it out crouched behind the canvas shield and looking up at the waves. They pounded us when they broke.

One year while tied up at the Philadelphia Navy Yard I was given a message to hand deliver to the radio station.

(More next month. A.C.)

PART 97 RULES BEING REVAMPED

The rules which govern Amateur Radio, FCC Part 97, are up for revision in the next several months according to Ray Kowalski, Chief of the Private Radio Bureaus Special Service Division which oversees Amateur Radio.

FCC staffers have begun preliminary work on the update and supposedly there will be no "startling" rule changes such as a no-code ticket. Emphasis will be put on regrouping topics into a more logical sequence. More specific rules for emergency communications and packet radio will be added.

(BALANCED MODULATOR-N4UF)



The 1988 Dade County Youth Fair Amateur Radio Booth was well manned by amateurs. Shown here is Cef, AA4CH who put in many hours along with W4VBQ plus XYL, W4SQG and N4NAR. See story below. (Photo by Gary Rues.)

DADE COUNTY YOUTH FAIR

By Harry Pilafian, W4SQG

DCARPSC Event Coordinator

The 1988 Dade County Youth Fair has come and gone as it has in years past. It is the one opportunity to show off amateur radio to the masses of population, with the unique opportunity to expose our wonderful hobby/service to school-age children as well as parents and educators.

With such a tremendous avenue to show our live and active existence, we came very close to not being represented this year. Andy Clark, W4IYT (ARPSA chairman) put out calls for a volunteer to pick up the reins and head a committee to set the DCYF activities in motion.

There was silence.

As the deadline approached, Andy announced he would write to the DCYF officials telling them the amateur community would be unable to participate due to a lack of interest. A few of us wondered what was happening to our esprit de corps.

I felt a need to act upon this and, before contacting Andy, I called Jerry, N4NAR, to ask if he would consider co-chairing the 18-day event with me. Following few questions and answers he "bravely" volunteered, and with his able assistance we were ready to proceed. I then called Andy and told him of our plans and to count on having an amateur booth.

With the continued support of Andy, W4IYT; Andy, Jr., KA4HML (of TELVIEW Racing Patrol of Hialeah); the able assistance from Ben, WA4RQZ (DCYF board member); and John, WD4SFG, along with the use of Dade Radio Club's console, the booth was set up. Volunteers were recruited and antennas strung. Thanks to the warm responses of many volunteers we were well represented.

Helping to make our booth more attractive was the addition of a large elevated TV monitor and continuous showings of several versions of ARRL tapes provided by our Vice-Director Evelyn, W4WYR. Special mention also to Layton, W4VBQ, for his ever-present support when needed before, during and after hours.

However, unfortunately, our booth was once again located far from the flow of "people traffic." It is true we do not pay for the booth but three weeks of daily volunteer man-hours should produce more exposure than we were able to draw.

Jerry, N4NAR, and I, W4SQG, want to thank the following folks for helping make the 1988 Dade County Youth Fair Amateur Radio booth a success: Alan, N4JCQ; Alan, WA4JEK; Alan, WB4DYU; Art, W4VZ; Audrey, KB4ZQU; Ceif, AA4CH; Charlie, WB4HVQ; Clif, K4HQH; Conrad, KB4YJF; Dale, N4GM; Del, W4KB; Dick, W4OOH; Don, K4EAU; Earnie, WA4CCP; George, WB4JFA; John, N4OLE; Kathy, N4MWM; Kevin, KA4VAS; Larry, W4SVC; Layton, W4VBQ; Margaret, N4MAN; Marty, WD4IZD; Phyllis, N4FOG; Phyl, N4JCR; Ray, N4REL; Rene, N4MHL; Susanne, N4PMF; Todd, KB4ZQW; Tony, WW4W; and Virgil, K4VSC.

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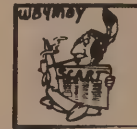
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In center, Harry, W4SGQ and XYL Audrey KB4ZQU stand with her Léeewood Elmentory Gifted Students, dressed as "Little Women" for their OM showtime competition performance at F.I.U. in South Dade. Rhoto by N4PBF)

HAMS HELP STUDENTS GO ON 'ODYSSEY OF THE MIND'

By Rick Vahan, N4PBF

(Editor's Note: Could this be "first" in the USA for amateur radio?
— AC)

For the second year in a row, hams helped more than a thousand Florida school kids go on an odyssey. Well, it wasn't exactly like that, but the hams who worked "Odyssey of the Mind" (O.M.) this year helped keep the fantastic problem-solving competition running smoother than ever.

In O.M. teams of five to seven students offer their solution to some fascinating problems presented to them in what has become, over the past 10 years, an international competition. The winners in Florida and each of the other states go on to the world championships being held this year in Maryland.

Some of the problems for 1988 were to build a "submersible" vessel that could reach out to gather specimens, make a musical show out of a scene from one of a number of listed plays, fly paper airplanes for distance and accuracy, and build a balsa and glue structure to hold surprising amounts of weight.

Where do the hams come in? These events took place this year among four buildings spread around the spacious Tamiami Campus of Florida International University in Miami on Saturday, April 16th. It would take a runner at least half an hour to make the rounds completely, even without allowing time to pick up and

deliver messages to the contest officials. So the hams helped the people officiating the show communicate with each other and therefore run it better than ever before.

State O.M. Coordinator Connie Hicks and Tournament Director Judy McLeod were delighted with the assistance of the hams, especially since it is Miss Hicks' first year as state coordinator.

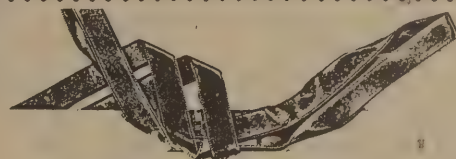
The idea to use ham radio communicators started last year, when Harry, W4SQG, and his wife Audrey, KB4ZQU, were involved in O.M. Harry was a problem captain for high school teams and Audrey had a team of elementary competitors under her tutelage. When Harry saw the communications problems arising during the planning sessions, he offered the ham help.

So 1987 was a trial run — and it worked! In 1988 it became a standard that could go national for the O.M. people.

Twenty-two hams turned out for O.M. this year. Net control alternated between K4HQH, Cliff; and N4MHL, Rene, operating a mobile rig on simplex from Harry's vehicle parked among the campus buidlings.

Harry worked alongside Ms. Hicks while N4LZW, Hance, was Ms. McLeod's communicator. Hance, besides being a ham, is a high school senior and the 1988 state-wide science fair winner as well. He is deeply involved in haematological research with University of Miami medical scientists at Jackson Memorial Hospital in Miami.

Other hams who made up the corps of O.M. communicators located throughout the campus included: W4NWM, Kathy; K4CE, Jack; N4RHJ, Aaron; WA4LLJ, Bill; AA4PJ, Linda; and N4FOG, Phyllis. Also N4NAR, Jerry; N4RNV, Bud; WS4D, Claude; N4MEI, Jan; N4MAN, Margaret; KB4YJF, Conrad; N4RRB, Chris; KJ4WW, Kent; KB4EWO, Debbie; and N4PBF, that's me.



Proclamation

State of Florida
Executive Department
Tallahassee

WHEREAS, Florida Amateur Radio Operators are ready to aid the public when emergency communication needs arise; and

WHEREAS, the members of this talented and skilled group are working to be prepared at any crucial moment to effectively respond when their communications expertise is called upon; and

WHEREAS, the electronic impulses of this vital hobby carry their talks to fellow enthusiasts all over the world, thereby establishing an important people-to-people communications medium that is important in the improvement of international relations of the United States; and

WHEREAS, the Amateur Radio Operators engage in innumerable programs of assistance and rehabilitation of the disabled in the development of radio as a hobby; and

WHEREAS, through their affiliation with the Radio Amateur Civil Emergency Service, the Amateur Radio Public Service Corps, and the Military Affiliate Radio Service, Florida's Amateur Radio Operators are continuously alert to offer additional communications service when the country faces a national emergency;

NOW, THEREFORE, I, Bob Martínez, by virtue of the authority vested in me as Governor of the State of Florida, do hereby proclaim June 20-26, 1988, as

AMATEUR RADIO WEEK

in Florida in tribute to the conspicuous and outstanding services rendered by these dedicated and talented Amateur Radio Operators.



IN WITNESS WHEREOF, I have hereunto set my hand and caused the Great Seal of the State of Florida to be affixed at Tallahassee, the Capital, this 22nd day of April, in the year of our Lord nineteen hundred and eighty-eight.

Bob Martínez
GOVERNOR

ATTEST:

Jim Smith
SECRETARY OF STATE

THE FCC INFO PAGE

BOCA RATON AREA EXAMS

FCC exams are given by the IBM Radio Club at the IBM facility in Boca Raton. Exams are scheduled for the first Friday of the month at 5 P.M. Bring a photocopy of your license, positive I.D., and \$4.55 to cover the testing fee. Contact Pete Brunet, WS4G, during working hours at 982-3885 for more details.

BROWARD COUNTY

CAVEC Examinations by Racal-Milgo in Sunrise twice per month, on the FIRST Saturday at 8:45 A.M. and on the THIRD Thursday at 7:30 P.M. No pre-registration required and all forms provided.

ADDRESS: 1601 North Harrison Parkway (NW 136th Ave.), Sunrise.

FEE: \$2.00 except Novice, which is free.

BRING WITH YOU: your license (the original), a photocopy of that license, the original of any credit certificates and a piece of photographic ID (Driver's license is OK).

TALK-IN: available on 145.27 and 224.84 repeaters.

FOR FURTHER INFO: call Chip Allen, AK4Y (H) 476-8761 or (W) 476-4763 or call Joe Loewy, KB4FO (H) 434-8211 or (W) 476-4567. From Dade County, during business hours only, 592-8600. Ask for extension 4321 or 4697. Recorded info (24 hours) 476-4444.

Dade County Schedule

Location: Dade County Emergency Operations Center, 5600 S.W. 87th Avenue, Miami, Florida 33173.

Examinations start at 9:00 a.m.:

Saturday, May 14, Saturday, June 11, Saturday, July 9, Saturday, August 13, Saturday, September 10, Saturday, October 8, Saturday, November 12, Saturday December 10 (Second Saturday of the Month).

Walk-in examinations on test available basis. FCC Form 610, Photocopy of License, Positive I.D., \$4.55 check payable to ARRL/VEC needed for exam.

Mail FCC Forms and Check to: Jose A. Ramos, WW4W, 6011 S.W. 11th St., West Miami, FL 33144.

Call for further information: Ron Ball, WN4L, 247-2944 after 6 P.M.

DUNEDIN-TAMPA BAY AREA

W5YI Coordinated Amateur Radio Exams conducted by the D.A.R.A. V.E. testing team, the first Monday of every month, at 7 p.m. in the Foreign Language Bldg. No. 99, Dunedin High School, 1615 Pinehurst Rd., Dunedin. Please bring original and copy of license, positive identification and \$4.55 fee. Talk-in 145.310 or 145.210, 600. Walk-in accepted. Info from KI4MO, (813) 531-1911, AA4XI, 539-9509 or write DARA, P.O. Box 1851, Dunedin, FL 34697.

FORT MYERS AREA

The 1988 test schedule sponsored by the Fort Myers ARC (ARRL/VEC) is as follows: May 21, 1988, September 24, 1988 November 19, 1988.

Contact Bob Strathy, WV4F, 5428 Brandy Circle, S.W., Fort Myers, FL 33919 (SASE) or phone (813) 481-4880 for information.

MARION COUNTY

W5YI Testing — Novice through Extra, every second Monday, at 7:00 P.M. Marion County Government Complex at the corner of S.E. Ft. King Ave. and S.E. 25th Ave. Talk-in on the 146.61, K4GSO Repeater; Silver Springs Radio Club, Ocala, Florida. Contact Jim Brenner, NT4B, 237-5783; or Walt Morris, K4ELK, 245-7254.

NORTHWEST FLORIDA EXAMS — CRESTVIEW

FCC exams are given the second Saturday of each third month, at 9:00 A.M. Local, at the Council on Aging Building, 298 S. Wilson St., Crestview, FL. Fees \$2.00, walk-ins welcome. Free Coffee, 610's on hand. Plenty of rag-chewing, talk-in on 147.36 - WB4CDR/Rpt. Bring Copy of license and an I.D. with picture (e.g. Driver's License.) More info: WB4ORK/CVE, Rt. 1, Box 189 CF, Crestview, FL 32536.

OCALA/CENTRAL FLORIDA

W5YI Exams are held each month on the last Saturday at 10 a.m. at the St. Patrick's Episcopal Church, 2802 N.E. 7th Street, Ocala, FL. All exams are on a walk-in basis. Fee is \$4.35. Novice tests free. Talk-in is available on 145.130 (TX-600) or contact Jerry, K4UBR 629-6049 or Terry, N4NWN 351-0489. December test will be on Dec. 19th at 10 a.m.

"FCC exams will be given Saturday, July 9, 1988 at 9:00 a.m. in Channel 24 Studios, 11510 East Colonial Drive (Route 50), Orlando. The studios are about one-half-mile west of Alafaya Trail on the south side of Route 50. A check for \$4.55 payable to ARRL/VEC is requested at time of registration. No charge for the novice test, only.

"Bring original FCC license and a copy of it to attach to the 610 forms which will be available. If you have any credits for previous tests, you need to bring the original CSCE's and copies of them, too.

"Any questions? Call (407) 644-5905 for Roy Mackey, N4ADI, 73, and good luck!

Hernando County, Brooksville, June 20th, 6:30 p.m., ARRL/VEC Clover Leaf Visitor's Center. Contact: Regis Kramer, W4LE, 900-2032, US 41 North, Brooksville, Florida 34601. Phone: (904) 796-6802. Pre-registration requested.

ARRL/VEC examinations by Consolidated VE's of Brevard County — Rm Q-22 — Florida Institute of Technology — Melbourne — 10:00 a.m. (check-in 0930) — third Saturday of every month No pre-registration required. Form 610s provided. Bring original and photocopy of current license. Contact person is Victor Lau, N4FUY, (407) 768-0888.

PANAMA CITY, FL.

Test date and time — April 16, July 16, October 15, 1988; 10:00 CST. 9:30 AM for all walk-in.

Test site — Civil Defense Building, Main Conference Room, 644 Mulberry Ave., Panama City, FL. No cash — make checks payable to ARRL/VEC; no charge for Novice; all other classes will be \$4.55.

Contact — Jerry Lualien, 1320 Buena Vista, Lot 45, Panama City, FL 32401. Phone: 904-785-4370. Talk-in on 146.94.

PALM BEACH AMATEUR RADIO COUNCIL, INC.

and

PALM BEACH JUNIOR COLLEGE AMATEUR RADIO CLUB

P.O. BOX 6834, West Palm Beach, FL 33405

The Palm Beach Amateur Radio Council, Inc., is giving Amateur Radio License Tests on each 3rd Saturday of each month, at Palm Beach Junior College, 4200 Congress Avenue, Lake Worth, Florida, Room — Criminal Justice 101, at 9:00 A.M. The tests are given under the ARRL-VEC and currently cost \$4.55. Walk-ins permitted on as long as we have test materials available. Pre-registration strongly advised, except for code testing. Next tests for 1988 will be on March 19, April 16, May 21, June 18, July 16, and August 20.

TAMPA TEST SCHEDULE

Last Thursday, each month, April 28, Red Cross Bldg., 217 N. Howard Ave., Tampa, FL, 7:00 P.M.

Bring a copy of your license and \$4.55 CASH, along with 2 ID's. Non-programmable calculators are permitted. Candidates for NOVICE are welcome. To insure seating, advance notice is recommended. Call: Arlie, K8OCZ (813) 986-6352 or Scott, KA4FRO (813) 665-2514.

VENICE FCC EXAMS

FCC exams are given for all classes of Amateur Radio licenses on the second Saturday of each month at 9:00 a.m. at the Venice Public Library, 300 South Nokomis Ave., Venice, FL.

Bring a completed FCC Form 610 (Forms will be available at test site), your driver's license or a legal photo I.D., a photo copy of your present license (to be attached to Form 610), the ORIGINAL of your present license (this will be returned to you). Test fee is \$4.00 (\$4.55 if under ARRL/VEC). No fee is required for Novice exam.

For further information contact Don Fontaine, N4ET, 252 Cocoa Lane, Venice, FL 34293. Tel.: (813) 497-4014.

VEC Eau Gallie Area by Florida Institute of Technology ARC, 9:30 A.M. Walk-ins OK. ARRL VEC staff. Exams 3rd Sat. of each month through 1988. Novice thru Extra. Details call Bill Newkirk, WB9IVR, 305-724-6173 after April 16th call 407-724-6184.

WEST PASCO COUNTY

The Gulf Coast Amateur Radio Club is sponsoring ARRL/VEC exam sessions, novice through extra, on the first Tuesday of each month at 6:30 p.m. Location is Adult Education Center, 1510 South Boulevard, New Port Richey.

Walk-ins accepted on a materials available basis. Pre-registration strongly advised. Bring: (1) original and photocopy of current amateur radio license; (2) positive identification; (3) check for \$4.55 payable to ARRL/VEC (no fee for novice exam); and (4) original and photocopy of any CSCE for code or written elements. Form 610 will be furnished. Talk-in on 146.67 (Tx-600).

Contacts for the June 7th session are Fred Marchman, AA4FG, (813) 849-1224 and Ralph Forrest, W2GLW, (813) 842-8351.

AMATEUR RADIO CLASS

BEGINNING JUNE 2nd, 1988

An amateur radio license class covering both radio code and theory starts Thursday, June 2nd, and will run through July 21st. The class starts at 6:30 p.m. at Hoover Junior High School in Indianantic and is open to all ages. Registration fee and textbooks for this Brevard community college adult education course is \$40. For more information, contact the Hoover Adult Community Education Center at (407) 724-5006 or contact Bill Newkirk at (407) 724-6183 after 6:00 p.m.

EX CALLS

Alot of guys have asked "Where are the EX CALLS" Well, here is a weak start... Editor. Send yours in with your next renewal or HAMBAR.

N4NN ex
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N4BNVZ ex
W4IYT ex

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- E.T.O. ALPHA
- FIRESTICK
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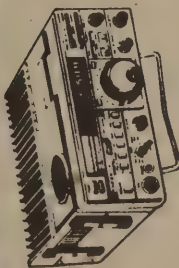
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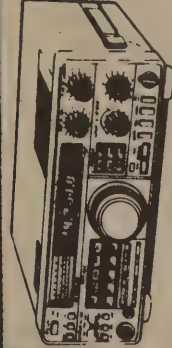
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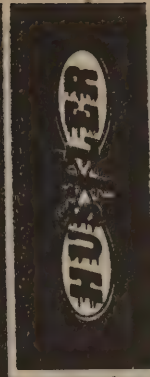
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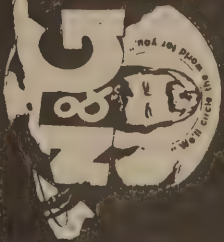
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Quarter Century Wireless Association

FLORIDA STATE Q.C.W.A. NEWS

Edited by Eli Nannis, K4JMH

QCWA was well represented at the Dayton Hamvention and there was a QCWA-OTA banquet with guest speaker Carole Perry, WB2MGP, 1987 Ham of the Year. Leland Smith, W5KL, did a fine job at the QCWA booth and signed up a large number of new members. He is looking for some good board candidates from our area. A number of our Florida chapters do not have meetings during the summer. How about getting the gang together for a cookout, a picnic or a cruise. Its lots of fun and good fellowship. Keep sending those chapter reports and pictures to me. The Sunday net on 3955 KHz at 7:00 p.m. is doing quite well. Signals are getting out much better. Also don't forget the National QCWA Net every Sunday on 14.347 KHz at 2000Z.

Gator Chapter: The attendance at the April meeting was 41 members and guests. Paul, W1DLP, reported that Tom Walker is out of the hospital and improving slowly. Tom lives in Canada. Bill, W2WV, our treasurer gave his usual fine financial report and the treasury is looking good. With the postage going up, a discussion was held on whether to send out a monthly report to each member. However it was pointed out that it would only cost \$3 more each week and therefore it was voted to keep sending the monthly newsletters. Our May meeting will be our last official meeting until October but we will continue to meet the first Saturday of each month just to get together and discuss our problems and find solutions. Ray Eastman, K4OC was presented a 60-year certificate by Wes Randles, W4COW our national treasurer. Mae, W3CUL and husband Al, W3VR reported their 46th anniversary.

It was reported that Bob Smith, W4EGM, a well-known amateur who worked at AES was a silent key. The program was given by Eli, K4JMH, which was a slide show on his visit to Israel. Jim Clarke, N4BQC, is now eligible for a 60-year certificate. We welcomed a new member, Don Bice, W4PCO. Our members were invited by the Pelican chapter to their Tampa Bay cruise on May 18th. The members were requested to check in or monitor the national QCWA Net on 14,347 at 2000 UTC every Sunday afternoon.

Reported by Eli Nannis, K4JMH

Central Florida Chapter: Our chapter held their monthly meeting on April 16th at the Family Sirloin Steak House on Route 98 in Lakeland with 47 members and guests attending. Bill Gillman, WT4F, shoed a VCR tape from the ARRL on amateur radio. It was noted that a few members had headed north and more spoke about leaving for their summer homes or vacation trips. Our attendance will be dropping during the summer months. QCWA and the Lakeland amateur clubs were asking if it was possible to have a CW code practice session on one of the bands. Frank LaLonde, W4PBL, club president, said he'd be on 28.250 with a CW practice session every Wednesday at 19:30 local time and extend more nights which he has done. He does a very fine job. Three members, Gillman, WT4F; Norm Weddell, W9HOH; and Charles Stevens, K8RIF, helped the Polk County Amateurs with message handling booth at the Sun-in Fun Fly In that was held at the Lakeland airport for a week.

Reported by Charles Stevens, K8RIF

Pelican Chapter: As in previous years, the chapter takes a three-month recess during the summer months. We do however continue to meet for breakfast at Buddys in St. Pete at 8:00 a.m. on the first Wednesday of each month. Dave Stocky, K4KE, drove his ham shack to the April meeting and showed off his brand new remote controlled antenna array atop his large motor home. Watching his antennas swing up into position including a 35-foot vertical with Dave just sitting in the drivers seat pushing buttons was most impressive. There was 47 members and guests at this meeting. Eli, K4JMH, ran the meeting on the absence of our president who was on a cruise to some exotic area. The program



Four Hundred Forty Eight years of Amateur Radio. Central Florida QCWA Chapter No 107, Lakeland. L to R: Norm Darch, W2HGV, 53; Charlie Baptist, W1PB, 60; Ray Andrews, K4FEI 63; Ullis Tucker W4YRK, 50; Tom Wilson, N4LXA 51, John Spark, W4LHP, 51; Merritt Stoner, W4BJI, 51 and Al Streling W4OFT, 53. Can any other 8 amateurs top that?

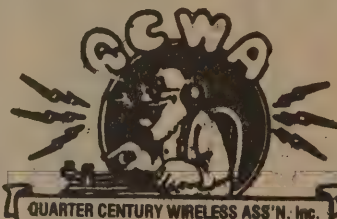
was the showing of unusual QSL cards. The next meeting will be on a cruise ship in Tampa Bay for two hours with lunch. Phil, WA4ZVO, handles all the details, shovels the coal and steers ship and provides entertainment. Wes Randles, W4COW, gave a report on the National Board of Directors meeting in Irving, Texas.

Reported by Don Bice, W4PCO

Spaceport Chapter: Twenty-five members attended the luncheon on April 9th at the Holiday Inn, Cocoa Beach. President Bob Stewart, K6ETB, unfurled the long awaited spaceport QCWA banner. Vice-President Orton, W4EQE, reported on the schedule of contacts he made earlier this year with chapter member Jim Farrior, W4FOK, who had participated in a archeological dig of Mayan ruins in Central Americas Belize. Orton introduced his guest Frank Cicagna, N8GDO, who had assisted in maintaining radio contacts with Jim. He also played a tape of a C.W. contact he had with W4FOK. Jim displayed the compact radio gear contained in a small suitcase which he uses on his expeditions and how it is run by solar power deep in the jungle. At the Melbourne Hamfest in September Jim will be the featured speaker on his adventures in Belize.

Reported by Spencer Allen, KOREC

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ALPHA 76A linear amplifier in mint condition. \$995. Can arrange to ship, but prefer pick-up. Dick Biow KA4AIZ, 717 Denton Road, Winter Park, FL 32792 305 671-7179.

WANTED: Multi-mode 70 Cms used 10 W, 430-440 MHz rigs. Gus WA4MCJ, 8181 NW S. River Dr., Lot A-112, Medley FL 33166 305 885-8765.

NOTICE DADE COUNTY AMATEURS. If you have cable TV, you can catch 1 of 14 - 30 minute tv Productions by the Miami Springs TV Productions, Inc. Ye Ed, XYL Betty W4GGQ and No. 1 son Andy Lee KA4MHL have been busy in the TV biz for the past 2 years. Watch Dade Cable Tap II in your area on the following TV Systems: Store N & S. Chnl 37. Dynamic-35, Ameri-Cable 36, Hart-Hanks N 7, Hart-Hanks S. 7 and Miami Cablevision 8. The time in Saturdays at 9 P.M. each week. So far we have only one show about amateur radio, but plan to produce others in the year to come. Any of you Video buffs out there interested in doing some TV work for amateur radio? If so contact Andy Clark W4IYT at 888-3874.

WANTED: HD-73 control box assembly - Sell or trade mosley TA-31 - 3-band dipole - Hustler 6BTV 6 Band vertical. Victor Strinck W4IRP, 4543 W. Iolewild Ave., Tampa, FL 33614 813 884-5956.

WANTED: SIGNAL ONE c.w. filter. Urgently needed for Russian amateur RB5RZ. Plan a trip there in July. Can anyone help to find one? Elliot Kleiman WA4YDK, 4701 McKinley St., Hollywood, FL 33021 305 625-6062.

FOR SALE: 2 RCA model TK630 color TV Cameras. Cameras are 3 Lumbicon tube professional design with 10:1 ZOOM lens, all cables and encoders. Will deliver and within 70 miles. Cameras are tested and perfect for production house, cable TV studio or TV station. \$3000. for both. Serious inquires only!. Richard Marsh WA4JJQ, 7350 Buchanan St., Holly, FL 33024 305 961-6839.

ALL FOR SALE OR TRADE: New "Aluma Towers" crank up stack, trailer, mobile van towers.. New Spider antennas for boats, cars, roof tops, condos. 10-15-20-40-80. New Mosley beams and antennas and antenna coating. used gear listed below and changes every day.. If you like it get it now! Yeasu FT-770RH UHF FM transceiver 440 W/ mike. Yeasu FT-2700RD.440 & 2 meters Dual Band 25W transceiver W/TT mike. Yeasu SP-901P phone patch/speaker. Yeasu FC-902 antenna tuner. Yeasu FT-727-RA with super Comshack 64. Yeasu mobile hand mike. HD-73 new in box rotor. Franklyn Green Screen monitor new in box. Like new never up T-40H Aluma Crank up tower with hinged base, rotor plate. No/LOX for beams. Stainless aircraft cable 1/8 3/16. Tower power winches. Ground posts for towers. Ground kits 8FT. rod, two clamps & 5FT. No. 4 bare copper ground wire. Kenwood remote VFO-700S 144MHz. Kenwood TS-130 transceiver. Kenwood TS130 mobile rack. Kenwood TS-430S transceiver. Kenwood TS-600 6 meter all mode transceiver. Kenwood TS-700S all mode 2 mtr transceiver. Kenwood TR-9000 all mode mobile 2 mtr transceiver. Kenwood MC-42S hand scanning mikes. Kenwood VOX unit for TS-600 rig. Kenwood MC-50 desk mike. New roof top "ALUMA" Towers. New Ham IV Rotor. Kenwood TS-520S transceiver. Package deal Collins/round 75S-3C receiver, 32S-3A transmitter, 516-F2 AC supply/speaker, 312-B4 station control all very clean and nice. IPS-10 supply 10 amp/12V. Kenwood TS-520 transceiver. Used Aluma "D" stack sections. MC CLARAN SALES, W4ZGG P. O. Box 2513, Vero Beach, FL 32961 407 567-8224.

MANUALS FOR SALE: Johnson Viking Valiant Xmtr, Heath DX-100 xmtr, National NC-240 rcvr, Glading 25 2M. Transceiver, 224A and 224 serve and calibration manuals. \$7.00 each. RCA General purpose comms rcvr AR-77, AR-77E, MI-8302, D, E. F. and G. \$10. each IC-22a 2 meter transceiver \$10. Collins Radio fundamentals of SSB with schamitics \$12. Mod. 180 wire recorder \$15. Hq, 129X rcvr, Lafayette HA-800B rcvr \$8. each. National HRO - 5 series rcvrs \$10. Tekfax 109 vol 9 TV schemataics 21 manufactures, covers 100s of chassis \$12. Tech. Info TS-820 by Kenwood \$8. Hallicrafters HT-33A linear power amp \$9. RME-VHF 152A operating & service manual \$10. Hallicrafters SR-200 Xcvr, Svc instructions \$12. Johnson Viking VFO \$8. National RAS-5 rcvr \$8. All plus postage and handling. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: Have 2 two meter gutter mount 2 meter 1/4 W. stanless steel antennas with 10 ft. GR58U coax PI259 connector. \$11. each plus postage. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

FOR SALE: TRS-80 model II Business computer-monitor, three drive disk expansion system and digital decwriter II terminal printer complete with interfaces, miscellaneous software and manuals. All equipment in excellent condition! Moving and need to sell. Original cost \$5000. Will sell for \$750. complete. (pick up) Ed Cooke, K4OHA, 17400 SW 85th Ave., Miami, FL 33157 305 251-5354.

LAMBDA regulated power supply model 351-FM 6-36 volts, 5-25 amps. Swan 500 with power supply, phone patch, crystal box and Shure desk mike. Denton Super Tuner (New) Heath IM-4120 counter, factory built. Drake TR22C. Call or write and make offer. Sell or consider trade for 2 meter equipment. Robert Hargrove WB4NSS, P.O. Box 52, Avon Park, FL 33825 813 453-0666

REMEMBER WHEN KIDS WHO COULDN'T CARRY A TUNE WERE THE LISTENERS ? NOW THEY'RE CALLED ROCK STARS. . . . Via W4ZGG

S E L L: 9 Ft. metal SATELLITE DISH, no base or drives. \$25. Bud J. Compton W6HGB/4, Rt. 1 No. 18 Second St., Moore Haven, FL 33471 1-805-675-4486.

FOR SALE: Package deal only. High Gain TH7DXX, 50 foot Rohn tower \$250. 2M Ringo Cushcraft \$10. Heavy duty Ham M rotator \$75 with cables etc. All items 6 months old. Must be removed before June 10th. Al Arango, HK4BXU/4, 12251 SW 96th St., Miami, FL 33186 305 596-4347.

AN OUNCE OF APOLOGY IS WORTH A POUND OF LONELINESS: via W4ZGG . . .

SELL: SB-220 10-80 meters 1kW amp with new Peter Dahl Hipersil transformer \$500. Pick up only. Jeff Bolda WC4E, 3226 Manxcat Lane, New Port Richey, FL 33552 813-376-0353.

WANTED: N.T.S.C. Vectorscope, working or not. Older unit as Tektronix 526 are fine. Also looking for Tektronix 529 Waveform monitor for parts. Richard Marsh WA4JJQ, 7350 Buchanan St., Hollywood, FL 330024 305 961-6839 mornings.

Moving to smaller house. Must sell some of my gear! CTS Comutermate II Workcenter, 4 ft. wide with 3 adjustable shelves, and a spacious work surface. Ideal to organize all your ham or computer gear in one neat package. Heavy duty will take lots of weight price \$75. Heath Bench test equipment. Sell only as a package. One IG-5280 RF Signal Generator, one IG 5282 audio signal generator. One IG 5283 signal tracer. One IM 5284 bench multimeter. One IPA 5280-1 AC power supply for above test equipment. \$100. for the package. Heath IO-18 five inch oscilloscope \$50. Heath HD-1250 solid state grid dip meter \$25. Kenwood 7000 general coverage communications receiver \$100.00 Kenwood TR-7200A 2 meter transceiver with crystals for 2 simplex and 12 Miami area repeater frequencies \$100. Tokyo antenna tuner \$50. Heath HM 102 2kW RF power SWR meter \$20. Heath kits unassembled never unpacked. One DG 1701 Flood Alarm \$20. One GD 3510 Security Light Control \$20.00 Call Charles Topmiller KR4I, 4211 Lake Rd., Miami, FL 33137 305 576-4991.

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FOR SALE: Mirror scale VOM, new. Better than Simpson \$25. Bird 100-watt slub, new \$50. Two turner hand mikes with built-in amp, new \$10. Jqe Darmento W4SXX, 11170 South Tropical Tr., Merritt Island, FL 32952 407-773-0796.

SOME PEOPLE SHOW MUCH GREATER INGENUITY IN EXCUSING THEIR WEAKNESSES THAN IN REMEDYING THEIR FAULTS'.... Via W4ZGG....

FOR SALE: 40 foot two section telescopic steel tower. You pick up. \$145. Luis B. Angel HK3BK/W4, 11481 SW 99 Terr. Miami, FL 33176 305 279-1629 Evenings or 305 596-4422 days.

WILL SELL OR TRADE: Commodore 64 computer W/2 1541 drives, 801 printer, modems, cables, manuals including tons of programs, cartridges, games, compiler, decompiler, etc. All in mint condition for equally mint condition digital transceiver amateur bands W/manuals. Call during working hours 305 895-6775, Bob Caldwell WD4SIK, 570 NE 131 St. N. Miami, FL 33161.

FOR SALE: General coverage R-390 receiver, very clean and onw in used, as spare monitor. Have both meters and botton and top covers. Cost Govt. about 2K. \$150. you pick up or make arrangements. Have a second R-390 receiver that works but needs power transformer modul which can be purchase from Barry Electronics in NY. Sell as is \$90. Have two 25 inch RCA XL-100's, perfect picture/tuner. Can be used as ponitors for VCRs, Remote cameras or as TV. Specail built for Race track monitors \$100. each. You pick up. Zenith 19" B/W portable with beautiful UHF/VHF picgure. \$40. Pick-up. Heath HD-1426 Relate Field Strength Meter with antenna \$12. plus UPS. Realistic NAVAHO, CB, 115 AC or 12 VDC with mike CB with book. \$25. plus UPS. Andy Clark W4IYT 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

REPITION ENGRAVES YOUR THOUGHTS UPON THE SUBCONSCIOUS MIND .. via W4ELR

SELL: Two meter super antenna, KLM-16LBX. Boom is 28 ft. long, gain 14.8 dB. Local pickup only to avoid element dis-assembly. Boom breaks into 5 ft lenglths. New cost nearly \$200. Sell for \$80. Excellent condition. All stainless hardware. Man. Wanted: 26 volt Transco relay model 11300. Marshall Goldblatt W4EMB, 11801 SW 70 Ave. Miami, FL 33156 305 666-6997.

FOR SALE: Enclosed electronic racks for 19 inch equipment with heavy duty casters, all sizes. \$15. to \$25. each. Miscellaneous electronic equipment and tons of component parts at very low prices. Cash and pick up only. 407-727-3015 S. T. Carter II W4NHC, P.O. Box 3177, Indialantic, FL 32903.

ANTRON 10 meter vertical. No radials needed. Broad banded collinear design 1/2 over 1/4 wave. Excellent gain over dipole. Low angle radiated. Retail \$100. Our Price \$85. plus \$5.00 UPS. SOUTHEAST DISTRIBUTORS, 2724 Norman Dr. West Palm Beach, FL 33409 407-684-0863. SASE information.

THE PRICE OF SUCCESS IS PERSISTENCE. THERE IS NO LOWER PRICE.... via W4ELR

WANTED: Get ready for the Annual FLORIDA QSO PARTY. See May issue for full rules and dates. West Palm Beach ARC This years, Contest Sponsors. . .

FOR SALE: 2 different EZ-WAY 50 ft. crank down/tilt over towers, (1) RBX-50 extra heavy duty and (1) RBS-50 normal al duty. Both good condx! Ft. Lauderdale area. Dick Abrahams K2YRz, 4521 NW 74 Ave. Lauderhill, FL 33319 days 305 587-9135 eves. 305 749-6434.

NOTICE TRAFFIC PERSONS. On NET Page you will find new FLORIDA NET LISTING. KINDLY Clip it out and keep

MORSE TELEGRAPH CLUB inc. Invitation to Join Tampa "TP" Chapter. Quarterly RR telegraph newspaper Nation-Wide. Interesting information in nations railroad telegraphers from time of "Morse" Large Ham membership nationwide, relatively new on South Florida. No gimmicks, sales, promotions, ulterior motives, non-profit. Bill Perry, WB4MQO, Box 1146, Clewiston, FL 33440 for applications. 95 years telegraphing in family!

NOTICE' The 1988 FLORIDA QSO PARTY will go off on SKED. If you want copy of dates, rules, awards drop H. Logan N4QWN, P.O. Box 407, WPB a SASE or call 305 848-0513..... Jeff Beals, WB2OUK, Pres. West Palm Bch ARC.

COLLECTORS: For Sale. Microphones. ElectroVoice 605 Dynamic desk-stand. Astatic D-104 - Turner 33D - Electro-Voice Mercury 611 - American 09A - Electro- Acoustic 145 Mc Xtal - Wood handle antique Calrad 500C. Best offer takes each or all. Layton N. Ruse W4VBQ, 2131 SW 62nd Ave., Miami, FL 33155 305 266-4946.

A LITTLE EXPERIENCE CAN WRECK A LOT OF THEORY. Via W4ZGG

FOR SALE: 70CM antennas, KLM 16LBX and Cushcraft 416-TB, unused \$50. each Ray Wood, 3304 Woodtrail BL. New Port Richey, FL 34653 813 376-0247. K4DAV

SELL: Hnadhelds Santec 144/UP, Santec 440/UP, ST-5BC desk charger, 2-1D83 wall chargers, Extra battery pack, Leather carry case, hand speaker-mics, earphones \$425. complete. J. F. Strom K9BSL, 233-34th Ave., no. St. Petersburg, FL 33704 -822-9107.

WANTED: Someone in Hollywood area to restore SB-102 and/or Swan 400 to operating condition. Will pay reasonable charge and giv Ham magazines if desired as bonus.. Howard Arnold W4PCP, 4118 Cleveland St., Hollywood, FL 33021 305 981-5541.

WE WILL NEVER ENTER MUCH IN OUR JOURNAL OF ACCOMP- LISHMENT IF WE ALWAYS WAIT FOR THE RIGHT TIME TO DO ANYTHING. via W4ZGG.

NOTICE ALL TRAFFICERS! Watch for press release on the HISTORY OF FLORIDA QFN. Will go to press in month or two. Doc Kagan WA4HDH, 1362 Plumosa Dr., Ft. Myers, FL 33901 813 334-0531.

COAX: Short lengths of RG8U coax from 1 to 4or 5 ft with standard male PL257's on each end. \$4.50 each. Lik3 new RG-49U (72 Ohm) coax 6 cents per ft. Loads of other RG8U, Geldin 8212 \$12 cents foot. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

HURRICANE SEASON IS COMING!

For it's members, FLORIDA SKIP is offering FREE an official U.S. Department of Commerce (NOAA) Marine Weather Service Map printed on heavy white paper. This is not a hurricane plotting, map. It shows all the NOAA Weather Stations in Florida with call signs and assigned frequencies.

It also shows: day and night hurricane flag signals; National Weather Service telephone numbers; coastal forecast areas; NOAA weather radio detailed information; broadcast of marine weather forecasts; WWV/WWVH info; weather broadcasts by air navigation radio stations L.F. and H.F.; A.M. and F.M. broadcast stations that transmit marine weather forecasts and warnings; and weather rules for safe boating.

This map is labeled MSC-5 Savannah, GA to Apalachicola, Florida, south. As mentioned, this map is FREE provided only if you send a number 10 (10 inches across) envelope with your name and address printed on it, plus a 25¢ stamp afixed. Without this — NO MAP. Send SASE to: Weather Map, Florida Skip, P.O. Box 501, Miami Springs, FL 33266.

MAILING NOTICE PLEASE

Our normal mailing date is the 25th of each month! Do not call Yea Editor! We dont know! Ask your mail - man - who just got another pay increase! 73 Editor.

THE N.T.S. PACKET MESSAGE PART I

By Al Vesce, K4CY

The NTS packet message is composed of two parts, the inner core and the outer shell. The inner core is the standard ARRL format as designed by the Communications Department at ARRL and used on NTS voice and CW nets and found on the pink card, FSD-218(585). It consists of all elements from the "NR" to the "AR." The inner core uses a carriage return before each of the main elements, NR, the two BT's, and the AR which places them at the left hand margin. Further the two BT's and the AR should be followed by a carriage return so they neatly separate the address from the text, the text from the signature, and the signature from any ops notes after the end of message symbol (AR).

The outer shell consists of three lines required by the PBBS Program Protocol. The outer shell consists of the first two lines and the last line. The first line always starts with the letter "S" which means "send." It may be combined with an "A," a "S," a "P," an "S," or a "T." For NTS traffic the "S" is always combined with a "T" as the "T" indicates NTS traffic. Thus on the first line we have an "ST," followed by a space, a six character field, a space, the "@" symbol, a space, and another six-character field.

There are four standard methods of addressing an NTS message. Which of the four to be used is determined by asking two questions:

1. Is the zip code included and available in the NTS message address?

2. Is the destination of the message "in-state" or "out-of-state"?

Let's assume the message is addressed to Newington, Connecticut, with a zip of 06111. The first line would be "ST 06111 @ NTSCT." If no zip code were available, the first line would be "ST NTSCT."

Now let's assume the address of the message is Miami, Florida, with a zip of 33177. The first line would be "ST 33177." No "@ NTSFL" would be used. Why? Because if that message was placed on a PBBS in Florida, the PBBS Program would see the "@ NTSFL" and say, "hey I am in Florida!" and the message would not be forwarded until the SYSOP manually intervened and removed the "@ NTSFL." Only then would the PBBS Program then look at the "ST 33177" remaining and forward the message towards a PBBS that covered the zip code area 33177.

Finally, the fourth method, if the message were for in-state (again Miami) and no zip code were available, the message should be addressed "ST NTSFL @ W4NVC" or "ST NTSFL @ N4LDG." These are two PBBS's that are in Miami.

Reviewing, the four methods and the two questions:

1. If the message is for out-of-state and we have the zip code, the message would be addressed "ST 06111 @ NTSCT."

2. If the message is for out-of-state and we do not have the zip code, the message would be addressed "ST NTSCT."

3. If the message is for in-state and we have the the zip code, the message would be addressed "ST 33177."

4. If the message is for in-state and we do not have the zip code, the message would be addressed "ST NTSFL @ W4NVC" or the PBBS serving the destination city or town.

Next month, the other two lines of the outer shell.

NOW SOME D.X.

By Roy Neal, K6DUE

The guest speaker at the Orlando HAMCATION, stated that NASA scientists have predicted sunspots this summer and early fall to be the highest since 1957 — in the 400+ range. For all you new hams that means get those antennas for 10 meters up and ready because they will have a ball when that band opens up. Even six meters will be good.

CHINA (ZONE 23) — Now to 1 June. As part of the China, Japan and Nepal Friendship team atop Mt. Jolmolung in Xizang Province, operators from BY4AA will be on the peak signing BT0ZMI. The ground support team in Lhasa will include operators from BY5ZS signing BT0LS. BY1PK will be the QSL route for both stations. (The initial announcement promised daily operation on 14,190 KHz with an objective of 10-40 activity). (TNX LIDXB)



Looking into the back compartment of Ye Eds VW Van you see half of one months FLORIDA SKIPs to mail. The other half is up front! Almost 2600 copies. Our new "Mailables - ASAP" are doing an excellent job. (Skip photo).

TURKEY — TA2L likes 21,255 Khz from 0001 UTC. QSL Ustun to P.O. Box 430, Kizilay, Ankara, Turkey.

(TNX LIDXB)

BAKER, HOWLAND ISLAND — Approximately 24-30 March on Baker I. and 1-6 April on Howland Island. JIM, VK9NS, wife Kirsti, 4X6TT, and others plan to operate a continuous c.w. and ssb operation, 10-160, with band usage coordinated for appropriate signal paths. QSL with donation, to CBA VK9NS.

(TNX LIDXB)

That's all for this month folks. Get the rigs and antennas ready for summer. Field Day should be great this year.

73 DE W4PTT (Balanced Modulator)

NOTICE!!!

When submitting articles typed on personal computers (PC's) PLEASE MAKE CERTAIN RIBBON PRINTS BLACK, NOT GRAY. It is extremely difficult for typesetter to read, almost impossible.

Thanks, Ye Ed

BRAIN TWISTER SOLUTION

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his usual excellent job of coordinating between Walk officials, the repeater owners and the 65 amateurs under his direction.

Everything went smooth with only two minor medical emergencies this year. It is impossible to report everything that happened but we would like to at least list the great bunch of amateurs, who so willing gave of their time, talent and equipment to make this Walk the very best recorded!



Here are only a few of the estimated 8000 walkers at the Miami March of Dime this year. (Tks to Al Coya N4AL for photo.)

Here is the list provided Florida Skip:

Holding down a NCS slot: WD4BVO, WA20MT, WD4JKM, K4CAG, WB4VEE and KI4T. Fifteen amateurs were used in the BUS Net. Others on assignment: KD4SQ, E34KW, KA4HLO (in charge of CD van), KF4MI, KC4DE, N4JCR, KB4BDQ, N4IRS, WA4ZVW (Miami Rescue headquarters), AA4CH (Coral Gables Police), KB4TQB, KA4MRI, K4TCV (emergency medical service), N4MUG, WA4JEK, KA4HAZ, N4NPC, W4NKJ (Walk officials), W4IYT, K4PAA, WD4ACJ, KA4EYK, WB4PEN, WB3JWW, WA4HNV, WA4CCP, W2JTT, NJ4S, KA8CWA, N4GM, W4VBQ, KA4CDD, N4FIZ, N4ONW, W4ISE, WD4JNS, WA4JTK, KB4POW, W4VZ, W4KB, N4JCQ, N4JCR, WA4VEQ, WD4PMK, KB4PNH and N4OLE. If we overlooked anyone, we're sorry.

Once again its a big thanks to everyone for your excellent support and we hope you all will respond again when called to participate in a public service event in the future. 73/88 Andy Clark, W4IYT, Dade County ARRL Emergency Coordinator.

O.O. CORNER

By Eric G. Hogberg, W4TAH

Did you know or maybe you have already found out, that, the FCC Monitoring Station is now referring amateur complaints to the Official Observer Coordinator in the North and South Florida sections?

The Official Observer Program has been in existence for over 50 years and has gained world-wide respect as an organization to help amateurs abide by the rules and regulations as set down by the Federal Communications Commission. As a result of this program, and the lack of funds and personnel by the FCC, an agreement was signed between the FCC Field Operations Bureau and the ARRL. This agreement is to relieve some of the workload of the Field Operations Bureau, by turning some of the amateur complaints over to the Amateur Auxiliary to resolve.

The Amateur Auxiliary of the Field Operations Bureau is comprised of Official Observers who have passed a certification test for membership. At the present a Memorandum of Understanding is being drawn up to delineate areas of responsibility and cooperation. A new and exciting era of self-policing has started and I would like to request all amateurs to help as you have in the past.

In the future expect to have more of your complaints handed by the Amateur Auxiliary of the Field Operations Bureau.

communication we need to make improvements before hurricane season.

Many thanks for your participation to those already listed and to the following hardworking people: WA4LLJ, WA4JEK, N4FIZ, N4ONW, K4VSC, KB4YJF, N4RHJ, KD4SQ, N4OLE, KB4PNH, W4UIM, KB4BDQ, W4LTT, WA4HNV, and other amateurs who I didn't get call signs. If yours is not here and you were there, please contact me so I can thank you properly.

PUBLIC SERVICE REPORT

By Larry Donnelly, N4QYS

Recent activities of the ALACHUA COUNTY ARES as part of the Red Cross Disaster Service were:

February 27th — W4TKE Walt Johnson, responded to a single house fire and provided the victim housing and food for the weekend.

February 28 — 4 A.M. — W4TKE Walt Johnston, KK4HP Chuck Smyder and N4QYS Larry Donnelly responded to a two-structure fire in the city of Alachua. Since assistance to the victims was not required refreshments were provided to the firemen and policemen.

February 28th — 4 P.M. — W4NG Earl Tonjes, KK4HP Chuck Smyder, N4QYS Larry Donnelly, N4QPZ Bobby Coggins, and KB4UFJ Andi Broward gathered at the Gainesville Regional Airport responding to an emergency landing of a Midwest Airlines plane due to an onboard fire. Assistance was provided to the stranded passengers.

March 7th — 2:40 P.M. — WA4UFO Jack Spencer, N4QYS Larry Donnelly and KB4UFJ Andi Broward and a visitor WB9HFV Jim Carr responded to the Gainesville Fire Department emergency drill.

KNIGHTS OF THE KILOCYCLE

3910 KHz, Sundays, 1130Z — 7:30 A.M. E.T.

Faithful Knight Stan, K4IXH, Waldo, Florida, is a Silent Key. He will be missed K9BSL is back with his regular rig — a big signal once more! Congratulations to W4EWS on a 51st wedding anniversary. K4CXW does a nice job as chaplain... thanks Smitty.

Wouldn't it be nice if we all had antenna towers like W4KZL; up nearly 200 feet! Shirley, W4WPD, seems to be our only YL... where are all you other gals? W1UCL is nearing a golden anniversary with 48 years married. Nice going.

Let's hope that W4TZ's XYL continues to improve since her recent illness. Creed is one of our pioneers: On the air for longer than many of us have been around! W4COW, who is secretary of QCWA, will be at his New Hampshire home until fall. We'll miss you Wes.

Please read in QST about the plan to rebuild W1AW... we should all support this program. How many remember W1AW's predecessor W1MK?!

A pleasant summer to all.

73
Jim Gundry, W4JM

CQ MAGAZINE ANNOUNCES THE WNZ AWARD FOR NOVICES & TECHS

WNZ stands for "Worked Novice Zones" and is available only to U.S. Novice or Technician class licensees. CQ divides the world into 40 zones and it is necessary for the applicant to work 25 of those 40 zones. Rules are essentially the same as for the Worked All Zones (WAZ) award which has been around since the late 40s. QSOs must be made using the novice segments of the 80, 40, 15 and 10 meter bands, using the proper modes authorized and observing the power limits.

The certificate is a handsome, parchment paper and is hand-lettered. Credits gained may be applied later toward the WAZ. For more info, send an SASE to CQ, VWAZ memager W4KA.

(NOFARS - BALANCED MODULATOR)

PLEASE NOTICE PLEASE NOTICE

Please check your mailing address label (top line) to know your expiration date. We WILL NOT send you a separate expiration notice anymore. Thanks for your cooperation!